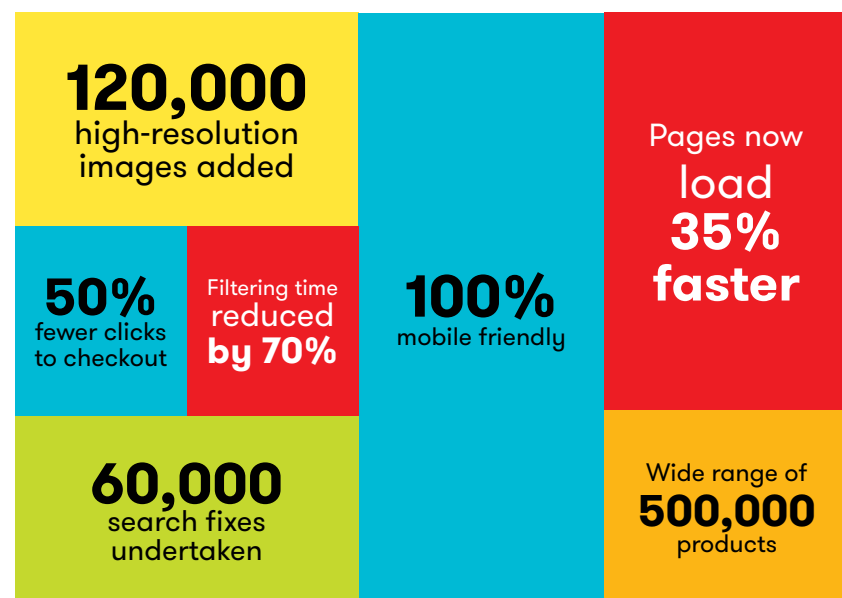


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The power of good connections



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Type C Series USB Connectors

- The USB C connectors in this range have an offset, mid-mount 0.65 mm footprint providing valuable space saving capabilities. Backward compatible to other USB connectors using adapters or conversion cables
- Provides one Interconnection for data, power and audio/video
- Applications: Smartphones, Tablets, PCs and Laptops, Data centres, A/V switches, Power packs and chargers, Automotive entertainment, Lighting, Industrial machinery



123-5254	USB Type-C Receptacle Mid-Mount 0.485 Hybrid	2295018-2
123-5255	USB Type-C Receptacle Offset 0.65mm, Dual Row SMT, Splash Proof	1-2295018-2

Type B Series USB Connectors

- Type B Series PCB mount USB connectors that are compatible with asynchronous and isochronous data transfer methods. These PCB mount USB connectors are polarized enabling accurate orientation, have plug and play capability and are hot pluggable.



529-8218	Right Angle Through Hole, kinked legs Bright Tin over Copper Alloy	292304-1
529-8224	Vertical Through Hole, kinked legs, Bright Tin over Copper Alloy	5787834-1
718-7220	Right Angle, Surface Mount, Nickel over copper	1-1734346-1
718-7233	Mini Series B Receptacle, Right Angle Surface Mount, Nickel over phosphor bronze	1734035-2
718-7236	Vertical Surface Mount, Nickel over copper	1734517-1
795-2330	Right Angle, high temperature compatible Through Hole, kinked legs Bright Tin over Copper Alloy	292304-2

Type A Series USB Connectors

- A range of TE Connectivity USB Type A Connectors



718-7224	Vertical Through Hole, kinked legs, Bright Tin over brass	1734366-1
529-8195	Right Angle, housing colour Black Through Hole, kinked legs, Bright Tin over Copper Alloy	292303-1
529-8202	Stacked Dual Port Receptacle, Right Angle Through Hole, kinked legs, Bright Tin over Copper Alloy	5787617-1
798-1530	3.0 Series A Receptacle, Right Angle, housing colour Blue, Through Hole, kinked legs, Matte Tin over Copper Alloy	1932258-1
798-1533	3.0 Series A Plug, housing colour Blue, Cable Mount, Nickel over Copper	1932266-1
909-7864	Right Angle Surface Mount Nickel over Copper	292303-7

Micro USB Connectors

- These Micro USB PCB Mount connectors are suitable for use in applications such as Mobile phones, MP3, GPS, Digital camera's and other portable devices. The design of these connectors supports current USB On-The-Go supplement and exceeds standard durability specification



813-5766	Right Angle SMT Type B without Flange, Connector Socket, Splash Proof, 30 V, 1 A, 1.8 A B	2173157-3
669-4645	Right Angle SMT Type B with Flange Version 2.0 Micro USB Connector Socket, 30 V ac, 1A	1981568-1
669-4648	Right Angle SMT Type AB with Flange Version 2.0 Micro USB Connector Socket, 30 V ac, 1A	1981584-1

RF BNC Connectors

- A range of BNC TE Connectivity Plugs, Jacks and Terminator



680-7359	Straight 50Ω Cable Mount, Plug, Crimp, RG141 A/U, RG58 C/U Nickel	1-1337426-0
669-3437	Straight 75Ω Cable Mount, Plug, Crimp, E4205, NEK23795 Nickel	5-1634502-1
680-7346	Straight 50Ω Cable Mount, Plug, Crimp, RG174 A/U, RG188 A/U, RG316/U Nickel	5-1634500-0
713-0739	Right Angle 50Ω Cable Mount, Plug, Crimp, RG174/U, RG188/U, RG316/U Nickel	5413959-3
718-2500	Straight 75Ω Cable Mount, Plug, Solder, RG59 Nickel	RBD-75-M-00
718-2544	Straight 50Ω Cable Mount, jack, Clamp, RG141 A/U, RG58 C/U Silver	1-1337423-0
745-5924	Straight 50Ω Cable Mount, Plug, Crimp, RG179/U, RG187/U Nickel	2-5221128-3

RF SMA Connectors

- 50 Ohm professional grade SMA crimp plugs with a PTFE dielectric, gold plated stainless steel body, gold plated brass centre contact and a non captive solder contact hex crimp termination.



468-3075	Straight 50Ω Cable Mount SMA Connector, Plug, Crimp Termination RG174 A/U, RG188 A/U, RG316/U	1-1478916-0
468-3069	Straight 50Ω Cable Mount SMA Connector, Plug, Crimp Termination RG141 A/U, RG58 C/U	1-1478915-0

RJ45 Connectors

- These Cat 5e single port RJ45 shielded jacks have a black UL 94V-0 high temperature nylon housing, tin over nickel plated copper alloy shielding on the face and panel ground and PCB grounding options.



820-8325	Height 13.72mm, Through Hole, Panel and PCB, Tail length 3.05mm	1-5406299-1
787-1644	Height 14.48mm, Through Hole, Panel and PCB, Tail length 3.56mm	5406296-1
782-0804	Height 13.64mm, Through Hole, PCB, Tail length 3.56mm	0

FPC Connectors

- As the demands for high density packaging of electronic equipment increases, the use of flexible printed circuits (FPC) to reduce size, weight and assembly costs has expanded. FPC is finding wide acceptance in the computer industry, particularly in such applications as Lap Top, Notebook, Palm Top and Note Pad computers. Other markets include: disk drives, printers, plotters, copiers, mobile phones and medical equipment.



535-1707	1mm Pitch 8 Way Right Angle SMT Female FPC Connector, ZIF Top Contact	84953-8
535-1577	1mm Pitch 4 Way Right Angle SMT Female FPC Connector, ZIF Bottom Contact	84952-4
535-1583	1mm Pitch 6 Way Right Angle SMT Female FPC Connector, ZIF Bottom Contact	84952-6
535-1606	1mm Pitch 10 Way Right Angle SMT Female FPC Connector, ZIF Bottom Contact	1-84952-0
535-1662	1mm Pitch 30 Way Right Angle SMT Female FPC Connector, ZIF Bottom Contact	3-84952-0
797-3315	84953 Series 1mm Pitch 5 Way Right Angle Female FPC Connector, ZIF Top Contact	84953-5
909-7246	FPC Series 1mm Pitch 10 Way Right Angle SMT Female FPC Connector, Non-ZIF	1-84981-0

Free Height Connectors

- 0.5 mm Free Height is a two-piece connector system designed for parallel board to board stacking applications. The 0.5 mm FH product has been chosen by the PICMG COM Express working group as the interface between embedded modules and carrier cards.



681-1985	0.5mm Pitch 440 Way 2 Row Straight PCB Header	3-5353652-6
613-1762	0.5mm Pitch 220 Way 2 Row Straight PCB Socket	3-6318490-6
613-1778	0.5mm Pitch 220 Way 2 Row Straight PCB Header	3-6318491-6
681-1950	0.5mm Pitch 440 Way 2 Row Straight PCB Socket	3-1827231-6
681-1954	0.5mm Pitch 440 Way 2 Row Straight PCB Header	3-1827233-6



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AMPMODU Short Point Crimp Snap-In Receptacle Contacts

- A range of TE Connectivity AMPMODU short point contacts designed to mate with 0.64mm square or round posts that are 4.29 to 6.58mm in length. These AMPMODU short point contacts have a locking lance feature and snap into AMPMODU MTE housings to provide a complete wire-crimp system or simply be used as replacement contacts.



680-4956	Female, 0.12mm² to 0.4mm², 26AWG to 22AWG, Crimp	1-104480-3
719-0236	Female, 0.2mm² to 0.6mm², 24AWG to 20AWG	104479-9
719-0472	Female, 0.12mm² to 0.4mm², 26AWG to 22AWG	1-104480-2
863-8937	Female, 0.12mm² to 0.4mm², 26AWG to 22AWG	104480-3
863-8943	Female, 0.03mm² to 0.09mm², 32AWG to 28AWG	104481-8

FFC Connectors

- FFC family of flat flexible cable connectors includes a wide variety of high density cable-to-board and cable-to-cable connectors designed for automated assembly. Applications: PCs – Desktop and Laptop, Printers, Camera, Membrane Switches, Disk Drives, Data Systems, Business Equipment, Industrial Controls, Appliance



793-6903	Female, IDC, Gold over Nickel Plating	2-487406-3
680-2293	0.12mm² to 0.4mm², 26AWG to 22AWG, Crimp, Tin Lead Alloy over Nickel Plating	86561-9
718-8775	Crimp, Gold over Nickel Plating	2-487406-4
719-8757	Crimp, Tin Plating	2-487406-2
864-3914	Female, Crimp, Gold Flash over Nickel Plating	487117-4

Ribbon Cable Connectors

- AMP-LATCH series connectors are ribbon cable-to-board devices used to make the transition between ribbon cable and pc board circuitry.
- Mass termination capabilities
- No need to strip or prepare wire
- Labor savings
- Applications: Computers/ Electronics, Business Equipment, Medical Equipment



681-1266	Right Angle Cable Mount IDC Connector Plug, 10 Way, 2 Row, 2.54mm Pitch	1-111446-4
681-1272	Cable Mount PCB Header Plug, 10 Way, 2 Row, 2.54mm Pitch	1-111504-4
681-1281	Cable Mount PCB Header Plug, 50 Way, 2 Row, 2.54mm Pitch	1-111506-4
681-1288	Cable Mount Connector Plug, 20 Way, 2 Row, 2.54mm Pitch	1-111504-7
798-1224	Cable Mount IDC Connector Plug, 50 Way, 2 Row, 2.54mm Pitch	1-111446-7
820-7741	Cable Mount IDC Connector Plug, 64 Way, 2 Row, 2.54mm Pitch	2-111446-6

Mini CT Series

- Mini CT series 1.5mm crimp type receptacle housings for crimp socket contacts for wire-to-board, wire-to-wire and wire to panel applications. These Mini CT series 1.5mm crimp type receptacle housings have a 6mm profile height, mating retention and alignment and accept a wire size of 24-28 AWG and a wire insulation diameter range of 0.85 to 1.05mm.



681-1988	2 Way 1 Row Female Straight PCB Housing	353908-2
683-2210	3 Way 1 Row Female Straight PCB Housing	353908-3
756-0956	4 Way 1 Row Female Straight PCB Connector Housing	353908-4
793-6880	15 Way 1 Row Female Straight Empty Socket Housing	1-353908-5
793-6892	17 Way 1 Row Female Straight Empty Socket Housing	1-353908-7
863-9019	11 Way 1 Row Female Right Angle PCB Connector Housing	1-353908-1

HPI Connectors

- These high performance interconnects (HPI) headers have square-peg technology which enables this product to mate with many other like products in the industry.



718-8526	2 Way 1 Row Shrouded Straight PCB Header	1735446-5
720-2010	3 Way 1 Row Shrouded Straight PCB Header	1735446-3
720-2014	4 Way 1 Row Shrouded Straight PCB Header	1735446-4
720-2026	6 Way 1 Row Shrouded Straight PCB Header	1735446-6
720-1991	11 Way 1 Row Shrouded Straight PCB Header	1-1735446-1
720-1998	14 Way 1 Row Shrouded Straight PCB Header	1-1735446-4

AMP CT Series Connectors

- CT series receptacle style cable mounted crimp connector housings with a 2.0mm centreline. These CT receptacle housings are made from UL 94V-0 rated, white 66 nylon and accept a wire size range of 22-30 AWG.



683-1651	2 Way 1 Row Female Straight Crimp Connector Housing	2-179228-2
680-1395	3 Way 1 Row Female Straight Crimp Connector Housing	179228-3
865-5529	4 Way 1 Row Female Straight Crimp Connector Housing	179228-4
680-1408	8 Way 1 Row Female Straight Crimp Connector Housing	179228-8
680-0998	12 Way 1 Row Female Straight Crimp Connector Housing	1-179228-2
680-0733	13 Way 1 Row Female Straight Crimp Connector Housing	1-179228-3

Single Row 11.10mm Centreline Tri-Barrier Barrier Strips

- A range of single row tri-barrier barrier strips with a 11.10mm centreline. These tri-barrier barrier strips have an open bottom block design with standoffs and a wire clamp combo screw terminal head



717-6637	2 Contact, 11.1mm Pitch, 1 Row, 30A, 600 V	8PCV-02-006
821-8836	4 Contact, 11.1mm Pitch, 1 Row, 30A, 600 V	8-1437657-0
821-8943	5 Contact, 11.1mm Pitch, 1 Row, 30A, 600 V	8-1437657-8
821-2462	6 Contact, 11.1mm Pitch, 1 Row, 30A, 600 V	9-1437657-8

Single Row 9.53mm Centreline Dual-Barrier Barrier Strips

- A range of single row low profile dual-barrier barrier strips with a 9.53mm centreline. These dual-barrier barrier strips have a flat style block design and a wire clamp combo screw terminal head apart from stock numbers 821-2658 and 821-2642 which have a binding combo head



821-8971	3 Contact, 9.53mm Pitch, 1 Row, 20A	3-1437664-1
821-2642	3 Contact, 9.53mm Pitch, 1 Row, 20A	1437664-5
821-2658	2 Contact, 9.53mm Pitch, 1 Row, 20A	1437664-4
821-9016	7 Contact, 9.53mm Pitch, 1 Row, 20A	4-1437664-0

Power Triple Lock Connectors

- A range of Free Hanging Power Triple Lock Cap Housings with Key A for Standard Temperature applications



782-4282	3 Way 1 Row Female Straight Crimp Connector Housing	1-1971771-3
782-4288	2 Way 1 Row Female Straight Crimp Connector Housing	1-1971771-2
782-4291	4 Way 1 Row Female Straight Crimp Connector Housing	1-1971771-4
782-4308	8 Way 2 Row Female Straight Crimp Connector Housing	1-1971774-4
782-4314	15 Way 3 Row Female Straight Crimp Connector Housing	1-1971874-7



AMP DUOPLUG Receptacle Connectors

- AMP DUOPLUG receptacle connector with a 2.5mm pitch for size AWG 22 discrete wire. This female connector assembly has pre-tin plated IDC socket contacts and a grey UL 94V-0 thermoplastic housing.



681-2051	2.5mm Pitch 3 Way 1 Row Female Straight PCB Housing	3-829868-3
681-1711	Right Angle Female, 3 Way, 1 Row, 2.5mm Pitch	1-966194-3

Universal MATE-N-LOK Connector Housings

- A range of Universal MATE-N-LOK plug housings with 6.35 mm pitch for use in wire to wire or wire to board applications. These plug housings are made from UL94V-2 or UL94V-0 nylon and have snap-lock latches to ensure a quick release and polarization to ensure accurate mating



115-1727	6.35mm Pitch 3 Way 1 Row Male Straight	350766-1
848-874	6 Way 2 Row Male Straight	1-480704
680-0890	5.98mm Pitch 2 Way 1 Row Male Straight	151679
680-1880	6.35mm Pitch 6 Way 1 Row Male Straight	640585-1
680-1887	6.35mm Pitch 8 Way 1 Row Male Straight	640582-1
864-9502	6.35mm Pitch 5 Way 1 Row Male Straight	1-480763-0

Mini-Universal MATE-N-LOK Connectors

- Mini-Universal MATE-N-LOK free hanging plug style housings with a 4.14mm centreline for use in wire to wire applications.



483-8578	4.14mm Pitch 4 Way 2 Row Male Straight	172167-1
500-547	Wire to Wire Connector Cable Mount, 9.5A, 600 V ac/dc	770581-1
500-664	Wire to Wire Connector Plug, 6P, 9.5A, 600 V ac	172339-1
483-8556	4.2mm Pitch 2 Way 1 Row Male Straight	172165-1
680-1250	4.2mm Pitch 12 Way 3 Row Male Straight	172341-1
680-1997	4.14mm Pitch 16 Way 2 Row Male Straight	770583-1



Power Double Lock (PDL) Connectors

- A range of Power Double Lock (PDL) free hanging plug and socket housings available with a 3.96mm or 6.5mm centreline for wire to wire and wire to board applications. These PDL connectors have a compact design, are fully polarized with latching for secure mating and are used in conjunction with a double lock plate to help prevent partial mating of the contacts.



683-1926	3.96mm Pitch 4 Way 2 Row Male Straight	177900-1
683-1923	3.96mm Pitch 3 Way 1 Row Male Straight	177899-1
683-1932	3.96mm Pitch 2 Way 1 Row Female Straight	179463-1
712-2233	3.96 mm, 4.6 mm Pitch 12 Way 3 Row Female Straight	177913-1
720-1392	3.96mm Pitch 4 Way 2 Row Female Straight	177908-1
865-6702	3.96mm Pitch 6 Way 2 Row Female Straight	177909-1

VAL-U-LOK Series Crimp Contacts

- A range of Crimp Contacts for use in Val-U-Lok housings.
- Crimp, snap-in pin and receptacle contacts for either 22-18 AWG or 26-22 AWG or 0.2-0.8 mm² or 1.25-1.4 mm² wire.



496-0322	Female, 0.2mm² to 0.8mm², 24AWG to 18AWG, Crimp, Tin Plating	1586315-1
719-0267	Male, 0.3mm² to 0.8mm², 22AWG to 18AWG, Crimp, Tin Plating	794955-3
719-0315	Female, 0.3mm² to 0.8mm², 22AWG to 18AWG, Crimp, Tin Plating	794956-3
865-3986	Female, 16AWG to 16AWG, Crimp, Pre-Tin Plating	1586055-3
865-4096	Male, 16AWG to 16AWG, Crimp, Pre-Tin Plating	1586840-3
865-4103	Female, 16AWG to 16AWG, Crimp, Gold over Nickel Plating	1586841-3

Economy Power (EP) Range Connectors

- A range of TE Connectivity Economy Power 3.96 mm pitch Plug Housings 1-1123722-x Series.



719-5177	2 Way 1 Row Male Straight	1-1123722-2
683-1746	3 Way 1 Row Male Straight	1-1123722-3
712-1202	4 Way 1 Row Male Straight	1-1123722-4
712-1214	5 Way 1 Row Male Straight	1-1123722-5
719-5183	8 Way 1 Row Male Straight	1-1123722-8
864-9420	9 Way 1 Row Female Straight	1-1123722-9

Micro MATE-N-LOK Series Connectors

- Micro MATE-N-LOK 3mm free hanging receptacle housings for wire to wire configurations. These Micro MATE-N-LOK 3mm free hanging receptacle housings are made from UL 94V-0 black nylon with a latching mechanism and are available in both single row and dual row configurations.



719-0150	18 Way 2 Row Female Straight	1-794617-8
495-8997	8 Way 2 Row Female Straight	794617-8
495-9007	10 Way 2 Row Female Straight	1-794617-0
495-9041	20 Way 2 Row Female Straight	2-794617-0
495-9057	24 Way 2 Row Female Straight	2-794617-4

Positive Lock Connector Contacts - MK I 250 Series

- MK I 250 Series positive lock receptacle and flag style crimp terminals with reduced insertion force and snap action locking which accept a wire size range of 20 to 10 AWG.



669-2784	Female, 0.5mm² to 1.5mm², 20AWG to 15AWG, Tin Plating	1-160759-1
669-2810	Female, 3.3mm² to 6mm², 12AWG to 10AWG, Crimp	790319-4
669-2844	Crimp Receptacle, 6.35 × 0.81mm, 1mm² to 2.5mm², 17AWG to 13AWG	927854-7
680-2313	Crimp Receptacle, 6.35 × 0.81mm, 0.8mm² to 2mm², 18AWG to 14AWG	154718-3
719-7319	Crimp Receptacle, 6.35 × 0.81mm, 0.8mm² to 2mm², 18AWG to 14AWG	63812-1

AMP Z-PACK™ Series Connectors

- The TE Connectivity Universal Power Module hardware is designed for compatibility with the Z-PACK 2mm HM and Z-PACK HS3, Z-PACK HM-2d and Z-PACK TinMan connectors. The Universal Power Module is a 3 position, modular, hard metric board to board system.



718-1623	4 Way Straight PCB Socket	120953-1
683-1406	2mm Pitch 3 Way Straight Heavy Duty Power Connector	223955-2
718-1535	5 Way Straight PCB Socket	120953-2
718-1547	2 mm, 3 mm Pitch 5 Way 1 Row Right Angle Backplane Connector, Through Hole	120955-1
718-1550	2mm Pitch Universal Power Module Backplane Connector, Male, Right Angle, 1 Row, 3 Way	5-5223961-1
718-1601	2 mm, 3 mm Pitch 7 Way 1 Row Right Angle Backplane Connector	120957-1
864-9745	2mm Pitch 3 Way 3 Row Right Angle Backplane Connector	5223964-1

Deutsch DT13/15 Series Connectors

- Deutsch DT13/15 series PCB header connectors are ideal for heavy duty rated electronic sensor and small module automotive connector applications.
- Environmentally sealed connector
- Rugged thermoplastic connector housing
- Operating temp range -55 to +125 °C
- Moulded in solid copper alloy contacts
- Mates with DT06 Series connector



724-2526	DT13, 2 way header	DT13-2P
724-2532	DT15, 4 way header	DT15-4P
724-2535	DT13, 6 way header	DT13-6P
724-2541	DT15, 8 way header	DT15-8P
724-2554	DT15, 12 way header	DT15-12P

PIDG Faston 250 Receptacle Wire Crimp Terminals

- FASTON 250 receptacle wire crimp terminals designed for uniform reliability in the most difficult circuit environments.
- Copper sleeve for improved wire insulation support
- Serrations in wire barrel for maximum contact and tensile strength
- Colour coded sleeves for easy wire size and tooling identification
- Funnelled wire entry for easy wire insertion



457-5255	Red, 6.35 × 0.81mm, 0.3mm² to 0.8mm², 22AWG to 18AWG	640903-1
842-270	6.35 × 0.81mm, 1mm² to 2.5mm², 17AWG to 13AWG	9-160313-2
457-4044	Yellow, 6.35 × 0.81mm, 3.3mm² to 5.26mm², 12AWG to	640907-1
457-5312	Blue, 6.35 × 0.81mm, 1.3mm² to 2mm², 16AWG to 14AWG	640905-1
680-5999	Red, 6.35 × 0.81mm, 0.3mm² to 1.5mm², 22AWG to 15AWG	9-160583-2
719-6111	Yellow, 6.35 × 0.81mm, 3.3mm² to 5.26mm², 12AWG to	640907-2

FASTON 250 Series Quick Disconnect PCB Mount Tab Terminals

- A range of FASTON 250 series quick disconnect PCB mount tab terminals made from tin plated brass. These FASTON 250 series PCB mount tab terminals are available with various mounting angles and mate with FASTON 250 series receptacle crimp terminals.



284-8466	Uninsulated, Tin over Copper Plated, Straight, 6.35 × 0.83mm	62409-1
680-5915	Uninsulated, Tin over Copper Plated, Right Angle, 6.3 × 0.8mm	726387-2
683-1500	Uninsulated, Tin over Copper/Nickel Plated, Straight, 6.35 × 0.83mm	63824-1
718-7987	Uninsulated, Tin over Nickel Plated, Straight, 6.35 × 0.83mm	63862-1
765-0794	Uninsulated, Tin over Nickel Plated, Right Angle, 6.35 × 0.83mm	63951-1
865-6181	90° Mount Angle Crimp Tab Terminal, 6.35 × 0.81mm Tin Plated	63952-1

FASTIN-FASTON 250 Crimp Receptacles

- These FASTON 250 crimp receptacles are commonly used in the appliance and automotive industry.
- Quick application to conductor with use of correct tooling
- Locking lances for secure retention in housing
- Precisely controlled crimping specifications for uniform reliability
- Stable electrical and mechanical performance
- Precise tensile strength and conductivity
- Maximum resistance to vibration and corrosion



669-2560	6.35 × 0.81mm, 0.8mm² to 2mm², 18AWG to 14AWG	42100-2
669-2655	6.35 × 0.81mm, 2.5mm² to 4mm², 13AWG to 11AWG, Tin Plated	160913-4
680-2091	6.35 × 0.81mm, 1.3mm² to 3mm², 16AWG to 12AWG, Tin Plated	60253-2
680-5898	6.35 × 0.81mm, 1mm² to 2.5mm², 17AWG to 13AWG, Tin Plated	6-160449-5
765-0753	6.35 × 0.81mm, 1.3mm² to 3mm², 16AWG to 12AWG, Tin Plated	60249-2
865-6074	6.35 × 0.81mm, 0.8mm² to 2mm², 18AWG to 14AWG, Tin Plated 42281	42281-2

FASTON 110/125 Series Ultra-Fast Receptacle Crimp Terminals

- FASTON 110/125 series Ultra-Fast fully insulated receptacle crimp terminals designed to prevent shock and electrical short circuits from exposed leads by providing complete encapsulation to a tab and receptacle when mated.



245-5171	2.79 × 0.51mm, 0.3mm² to 0.8mm², 22AWG to 18AWG	2-520084-2
245-5187	2.79 × 0.8mm, 0.3mm² to 0.8mm², 22AWG to 18AWG	2-520273-2
683-1484	2.79 × 0.51mm, 0.3mm² to 0.8mm², 22AWG to 18AWG	2-520083-2
865-6121	2.79 × 0.51 mm, 3.18 × 0.51 mm, 0.1mm² to 0.2mm², 26AWG to 24AWG	7-520365-2
865-6125	2.79 × 0.51 mm, 3.18 × 0.51 mm, 0.1mm² to 0.2mm², 26AWG to 24AWG	7-520366-2

MAG-MATE Contacts

- A range of contacts suitable for use within the MAG-MATE range of connectors.



909-7369	62420-1 Push Wire Terminal, 20 → 18 AWG, 1 Way	62420-1
865-6184	6.35 × 0.81mm, 0.18mm² to 31AWG 0.2mm², 33AWG to Tin Plated	63133-3

AMPLIVAR Open Barrel Splices

- AMPLIVAR open barrel splices designed to terminate aluminium magnet wire to itself or in combination with solid standard or stranded lead wire using pigtail splicing. The serrated barrel design of these AMPLIVAR open barrel splices automatically ring strip the insulation from the magnet wire resulting in an effective metal-to-metal compression crimp with a high tensile strength and improved electrical conductivity.



680-1991	Open Barrel Wire Splice Connector, Tin Plated	62306-2
124-9374	Pigtail Wire Splice Connector, Tin Plated 0.26 → 0.8 mm², 24 → 18.5 AWG	2825180-2
680-2332	Open Barrel Wire Splice Connector, Tin Plated 26 → 18 AWG	160631-3
719-6177	Open Barrel Wire Splice Connector, Tin Plated	62310-2
765-1002	Strap Butt Wire Splice Connector 22 → 15 AWG	280005-1

SIM Card Connectors

- Surface Mount, with Solder Termination, Current rating 0.5A



719-8747	Surface Mount SIM Card Connector	1981959-1
680-5413	Surface Mount SIM Card Connector	1-1705300-5
680-5416	Surface Mount SIM Card Connector	2-1705300-1

Standard Spring Finger Contacts

- Spring fingers, also known as shield fingers, grounding springs or universal ground contacts, provide grounding between the device and PCB and shielding to prevent EMI noise and static caused by motors, speakers and microphones or any other vibrations within an application. With a compact design, these standard spring fingers offer PCB space saving, design flexibility as well as a highly reliable connection. Typical applications for these standard spring fingers include mobile phones, wearable devices, game consoles, tablets, patient monitoring devices, POS scanners, security devices and GPS devices.



909-7570	Copper Alloy Grounding Contact Used with Clip On, 2.7 × 1.5 × 1.7mm	1447360-9
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SPST PCB Bi- Stable Power Relay

- SPST PCB bi-stable power relays are ideal for use with the following applications: Lighting systems, movement sensors, filament and incandescent lamp loads and motors.
- Bi-Stable coil
- Reinforced insulation
- Standards: VDE Cert No 40007571, UL E214025, cCSAus 1142018



124-4467	SPNO PCB Mount Latching Relay, 12V dc	1415898-2
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T9A Series Flange Mount Relay

- Meets UL873 and UL508 spacing - 1/8" through air, 1/4" over surface
- UL class F insulation system standard
- Contact Material: Silver Cadmium Oxide
- Operating Temperature: -55°C to +85°C
- Switching Current: 30A @ 250Vac
- Dimensions: H27.94mm, W27.43mm, D50.29mm
- Approvals: UL recognised; CSA certified



171-9323	SPNO PCB Mount Non-Latching Relay, 24V dc Coil	T9AS1D12-24 1-1393210-8
235-5548	SPNO Flange Mount Non-Latching Relay, 12V dc Coil	T9AP1D52-12 6-1419102-0
235-5554	SPNO Flange Mount Non-Latching Relay, 24V dc Coil	T9AP1D52-24 6-1419102-3
235-5560	SPDT Flange Mount Non-Latching Relay, 12V dc Coil	T9AP5D52-12 5-1419102-4
235-5576	SPDT Flange Mount Non-Latching Relay, 24V dc Coil	T9AP5D52-24 5-1419102-2

RT1 and RT2 Series PCB Power Relays

- RT Series 1 and Series 2 through hole mounting PCB power relays with a variety of contact configurations and coil voltages.
- RT1 PCB power relays are 12A, have 3.5mm pinning and are flux proof
- RT2 PCB power relays are 12A, have 5mm pinning and are flux proof
- Applications: interface, automation, domestic applications, security lighting, heating systems
- Approvals: UL, CSA, VDE



198-6898	DPDT PCB Mount Non-Latching Relay, 5V dc Coil	RTE24005
198-6977	SPDT PCB Mount Non-Latching Relay, 12V dc Coil	RTD14012
198-6983	SPDT PCB Mount Non-Latching Relay, 24V dc Coil	RTD14024
200-1926	DPDT PCB Mount Non-Latching Relay, 230V Coil	RTE24730
680-3741	SPDT PCB Mount Non-Latching Relay, 48V dc Coil	RT314048
909-7980	DPDT PCB Mount Non-Latching Relay, 6V dc	RT424006

PE Series Power PCB Relays - Bistable/Latching Relays

- Single-coil polarised latching (bistable) relay
- High coil sensitivity: 200mW
- 1 C/O Contact, 5A
- Isolation coil to contact: 4000Vac
- Maximum switching voltage 250Vac
- Operating temperature range -40 to +85°C
- Approvals: VDE



718-1825	SPDT PCB Mount Latching Relay, 3V dc	1415390-1
616-8584	SPDT PCB Mount Latching Relay, 5V dc	PE014F05
616-8590	SPDT PCB Mount Latching Relay, 12V dc	PE014F12
718-1761	SPDT PCB Mount Latching Relay, 12V dc	1-1415064-1
718-1884	SPDT PCB Mount Latching Relay, 2.2V dc	9-1415389-1

SNR Series PCB Relays

- High coil sensitivity: 170mW
- Compact design (5mm thickness) for high density PCB mounting
- Coil power: 210 mW
- Operating temperature range: -40 to +85°C
- Creepage and clearance: 8 mm; 6 mm
- Isolation coil to contact: 4000Vac
- Switching voltage: 250Vac
- H 15, W 28, D 5
- Approvals: UL, CSA, VDE



256-2443	SPNO PCB Mount Non-Latching Relay, 24V dc Coil	2-1393236-5
231-2361	SPDT PCB Mount Non-Latching Relay, 5V dc Coil, 6 A	V23092A1905A301
256-2437	SPNO PCB Mount Non-Latching Relay, 12V dc Coil	V23092A1012A302
718-1831	SPNO PCB Mount Non-Latching Relay, 5V dc Coil	9-1415067-1
718-1862	SPDT PCB Mount Non-Latching Relay, 60V dc Coil	4-1393236-3
756-1313	SPNO PCB Mount Non-Latching Relay, 24V dc Coil	V23092-A1024-A302

RE Series PCB Relays

- Sensitive coil 200mW
- RTIII - wash tight
- Creepage & clearance 4mm
- Flammability class - UL94V-0
- PCB area 200mm²
- Dimensions 10.6×20×10mm
- Applications include PLC's, timers, temperature control, I/O cards, white goods etc
- Approvals: UL, VDE



718-1982	SPNO PCB Mount Non-Latching Relay, 24V dc Coil	1-1393217-8
515-606	SPNO PCB Mount Non-Latching Relay, 24V dc Coil	RE034012
515-612	SPNO PCB Mount Non-Latching Relay, 5V dc Coil	RE034005
253-6832	SPNO PCB Mount Non-Latching Relay, 48V dc Coil	RE030048
680-2672	SPNO PCB Mount Non-Latching Relay, 5V dc Coil	RE032005
756-1319	SPNO PCB Mount Non-Latching Relay, 12V dc Coil	RE032012

Solid State - SSRD and SSRQ Series Relays

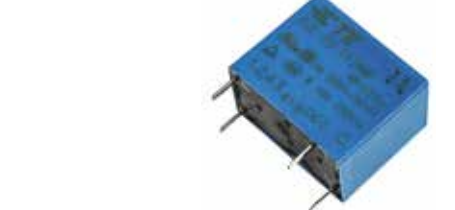
- 4-15 VDC input control
- Quick connect style terminals



863-3715	40 A 2 × SPNO Solid State Relay, 280 V rms Maximum Load	SSRD-240D40
863-3718	20 A 4 × SPNO Solid State Relay, 280 V rms Maximum Load	SSRQ-240D20

OJ / OJE Series Miniature PCB Relays

- Isolation coil to contact; 4000Vac
- Switching Voltage; 250Vac
- Contact Material; Ag Alloy
- Dimensions; 14.6×18.2×10.2 mm



683-1403	SPNO PCB Mount Non-Latching Relay, 12V dc Coil, 10 A	4-1419128-4
422-6925	SPNO PCB Mount Non-Latching Relay, 24V dc Coil, 8 A	OJ-SH-124LMH
680-2518	SPNO PCB Mount Non-Latching Relay, 12V dc Coil, 8 A	OJ-SS-112LMH2,005
719-6341	SPNO PCB Mount Non-Latching Relay, 12V dc Coil, 10 A	OJE-SS-112HM,000
909-7911	SPNO PCB Mount Non-Latching Relay, 12V dc Coil, 8 A	OJ-SS-112LMH,000

OMIH Series Mini PCB Relays

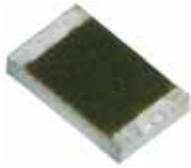
- OMIH series power PC board relays are 1-pole miniature relays that meet UL 508, VDE0435 and SEMKO requirements. The OMIH series relays feature 1 Form A and 1 Form C contact arrangements and meet 5,000 V dielectric voltage between coil and contacts, as well as meet 10,000 V surge voltage between coil and contacts.



863-9867	SPDT PCB Mount Non-Latching Relay, 24V dc Coil, 16 A	OMIH-SH-124L,394
863-9873	SPNO PCB Mount Non-Latching Relay, 12V dc Coil, 10 A	PCH-112D2H,000
863-9877	SPNO PCB Mount Non-Latching Relay, 24V dc Coil, 10 A	PCH-124D2H,000
863-9883	SPNO PCB Mount Non-Latching Relay, 12V dc Coil, 5 A	PD5A235
863-9889	SPNO Panel Mount Non-Latching Relay, 24V dc Coil, 10 A	PD10AB57

3640 Series Thin Film Inductors

- Low inductor values
- Suitable for reflow solder
- Designed for high frequency application in the communications industry
- Small size 02:01
- Surface Mount 0402 Package



701-6787	1 nH ±0.2nH SRF: 12GHz Q: 13 700mA dc 150mΩ Rdc	36401E1N0ATDF
701-6790	1.5 nH ±0.2nH SRF: 10GHz Q: 13 700mA dc 250mΩ Rdc	36401E1N5ATDF
701-6819	2 nH ±0.2nH SRF: 8GHz Q: 13 560mA dc 350mΩ Rdc	36401E2N0ATDF
701-6853	3.2 nH ±0.2nH SRF: 6GHz Q: 13 380mA dc 450mΩ Rdc	36401E3N2ATDF
701-6914	15 nH ±2% SRF: 3.3GHz Q: 13 130mA dc 1.75Ω Rdc	36401E15NGTDF
701-6936	33 nH ±5% SRF: 2.5GHz Q: 13 75mA dc 4.5Ω Rdc	36401E33NJTDF

0603 - 3650 Series Wire Wound Inductors

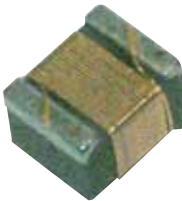
- 0603 format
- Wire-wound construction
- High Q factor
- High self-resonant frequency



532-2917	36 nH ±5% 600mA ldc Q:37	36501J36NJTDG
532-2888	27 nH ±5% 600mA ldc Q:40	36501J27NJTDG
532-2901	33 nH ±5% 600mA ldc Q:40	36501J33NJTDG
532-2995	72 nH ±5% Wire-Wound 400mA ldc Q:34	36501J72NJTDG
532-3128	390 nH ±5% 100mA ldc Q:25	36501JR39JTDG

0805 - 3650 Series Wire Wound Inductors

- 0805 format
- Wire-wound construction
- High Q factor
- High self-resonant frequency



532-3459	200 nH ±5% Wire-Wound 400mA ldc Q:50	36502AR20JTDG
532-3263	24 nH ±5% Wire-Wound 500mA ldc Q:50	36502A24NJTDG
532-3364	68 nH ±5% 500mA ldc Q:60	36502A68NJTDG
532-3639	820 nH ±5% 180mA ldc Q:23	36502AR82JTDG
532-3695	2.7 μH ±5% 150mA ldc Q:16	36502A2R7JTDG

TW Series Potentiometers

- TW series linear panel mount potentiometers available in 10 Ohm to 25 K Ohms versions with 1W power handling, and 10% tolerance. These durable potentiometers have a life cycle of 10,000 operations and are suitable for industrial control, and other high-power applications



502-8564	23mm 1W wirewound pot,100R lin	TW1101KA
502-8609	23mm 1W wirewound pot,1K lin	TW1102KA
502-8615	23mm 1W wirewound pot,2K5 lin	TW1252KA
502-8637	23mm 1W wirewound pot,10K lin	TW1103KA
502-8643	23mm 1W wirewound pot,25K lin	TW1253KA

Ferrite Beads BMB-A Series

- The BMB-A Series of beads cover a wide range of impedance and frequency characteristics. The chip beads have a monolithic organic material construction that minimizes the effect of electromagnetic interference



863-7095	Ferrite Bead, 1 × 0.5 × 0.32mm	BMB-A 0402 120R N8
863-7091	Ferrite Bead, 1 × 0.5 × 0.32mm	BMB-A 0402 70R N8
863-7098	Ferrite Bead, 1 × 0.5 × 0.32mm	BMB-A 0402 30R N8
863-7105	Ferrite Bead, 1 × 0.5 × 0.32mm	BMB-A 0402 220R N8
863-7114	Ferrite Bead, 1 × 0.5 × 0.32mm	BMB-A 0402 1000R N8

Ferrite Beads BMB-B Series

- BMB-B Series will minimise the attenuation of the signal wave form due to its sharp impedance characteristics thus effective EMI protection
- Wide Frequency characteristics
- High Soldering Heat resistance
- These beads are designed for high speed applications.



863-7234	Ferrite Bead, 1 × 0.5 × 0.32mm	BMB-B 0402 220R N7
863-7219	Ferrite Bead, 1 × 0.5 × 0.32mm	BMB-B 0402 22R N7
863-7225	Ferrite Bead, 1 × 0.5 × 0.32mm	BMB-B 0402 120R N7
863-7237	Ferrite Bead, 1 × 0.5 × 0.32mm	BMB-B 0402 300R N7

3521 Series SMD Power Resistors

- 3521 series low profile high power resistors featuring a small size to power ratio. Although suitable for a variety of applications, the short lead structure of the 3521 resistor series makes these devices particularly suitable for high frequency operations.
- 2512 format SMD power chip resistors
- Power rating of 2W at 70°C
- Low Profile of 0.55mm
- Thick film Technology
- Overload Maximum 500V
- Working Voltage 250V
- Ideal for small batch production, development and R&D department



755-1209	2512 Case 220Ω ±1% 2W ±100ppm/°C	3521220RFT
755-1132	2512 Case 27Ω ±1% 2W ±100ppm/°C	352127RFT
755-1139	2512 Case 24Ω ±1% 2W ±100ppm/°C	352124RFT
755-1148	2512 Case 36Ω ±1% 2W ±100ppm/°C	352136RFT
755-1319	2512 Case 4.3kΩ ±1% 2W ±100ppm/°C	35214K3FT
755-1441	2512 Case 200kΩ ±1% 2W ±100ppm/°C	3521200KFT

3520 Series SMD Power Resistors

- 3520 series low profile high power resistors featuring a small size to power ratio. Although suitable for a variety of applications, the short lead structure of the 3520 resistor series makes these devices particularly suitable for high frequency operations.
- 2512 format SMD power chip resistors
- Power rating of 1W at 70°C
- Small size to power ratio
- Low Profile of 0.6mm
- Thick film Technology
- Overload Maximum 400V
- Working Voltage 200V
- Ideal for small batch production, development and R&D department



224-0238	2512 Case 56Ω ±5% 1W ±200ppm/°C	352056RJT
224-0014	2512 Case 1.2Ω ±5% 1W ±350ppm/°C	35201R2JT
224-0064	2512 Case 2.7Ω ±5% 1W ±350ppm/°C	35202R7JT
224-0143	2512 Case 10Ω ±5% 1W ±200ppm/°C	352010RJT
224-0272	2512 Case 100Ω ±5% 1W ±200ppm/°C	3520100RJT
224-0395	2512 Case 1kΩ ±5% 1W ±200ppm/°C	35201K0JT

3522 Series Power Resistors 5%

- 3522 series power resistors are low cost high power devices. 3522 power resistors offer a small size to power ratio and they are suitable for auto placement in high volume and in high frequency operations, owing to the short lead structure.
- 500 volt maximum overload
- 250 volt working voltage
- 3 watts at 70°C
- Terminal finish matte Sn over Ni



871-1004	2512 Case 0Ω ±5% 3W	35222ZR
871-1058	2512 Case 18Ω ±5% 3W	352218RJT
871-1070	2512 Case 56Ω ±5% 3W	352256RJT
871-1111	2512 Case 470Ω ±5% 3W	3522470RJT
871-1115	2512 Case 560Ω ±5% 3W	3522560RJT
871-1288	2512 Case 10MΩ ±5% 3W	352210MJT

FSM Series Tactile Switches

- The professional range of tactile switches from TE Connectivity.
- SPNO tactile switches available in THT, SMD & right angle mountings
- SMD types suitable for immersion



479-1508	Black Button Tact Switch, SPST-NO 0.05 A@ 12 V dc 1.4mm	4-1437565-1
718-2386	Blue Button Tact Switch, SPST 50 mA@ 24 V dc 2.89mm	FSMRACD
718-2421	Red Button Tact Switch, SPST 50 mA@ 24 V dc 1.8mm	FSM103A
718-2443	Black Button Tact Switch, SPST 50 mA@ 24 V dc 3.4mm	FSM6JSMATR
718-2465	White Button Tact Switch, SPST 50 mA@ 24 V dc 0.7mm	FSM2JSMAA
718-2468	Grey Button Tact Switch, SPST 50 mA@ 24 V dc 0.7mm	FSM2JSMATR
909-8028	Brown Round Tact Switch, SPST 50 mA 3 (Dia.)mm PCB	FSM1LPATR

Half Pitch Rocker Switches

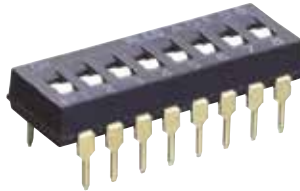
- Gold wiping contact system
- Contact resistance: 100mΩ
- Insulation resistance:100 MΩ @ 250Vdc
- Low profile with tape seal
- Mechanical life: 1000 Cycles



718-2162	4 Way Surface Mount DIP Switch SPST	1571983-5
639-3112	2 Way Surface Mount DIP Switch DP	GDH02S04
639-3134	4 Way Surface Mount DIP Switch 4P	GDH04S04
718-2146	2 Way Surface Mount DIP Switch SPST	1571983-3
718-2190	8 Way Surface Mount DIP Switch SPST	1-1571983-1
745-5965	2 Way Surface Mount DIP Switch SPST	1571983-1
745-6025	8 Way Surface Mount DIP Switch SPST	1-1571983-0

ADE and ADF Series DIP Switches

- ADE and ADF series through hole mounting 7.5 × 3.5mm DIP switches with a 2.54mm centerline, gold flash plated contacts and black PPS housings. The ADE series DIP switches have extended slide actuators whilst the ADF series DIP switches have flush slide actuators. Both versions of these DIP switches have a high pressure contact system and are auto insertable



718-2102	6 Way Through Hole DIP Switch SPST	1825002-9
718-2077	4 Way Through Hole DIP Switch SPST	1825360-3
718-2118	7 Way Through Hole DIP Switch SPST	1825057-6
756-1338	2 Way Through Hole DIP Switch SPST, Extended Slide Actuator	ADE02A04
756-1344	8 Way Through Hole DIP Switch SPST, Flush Slide Actuator	ADF08T04
756-1347	8 Way Through Hole DIP Switch SPST, Extended Slide Actuator	ADE08A04

Toggle Switch DPST On-Off-On

- Power Toggle Switches from TE Connectivity that are primarily designed for heavy duty applications, such as power tool control.



783-1189	16/8A,DPST,Screw-In	7320K3
783-1195	20/30A,125/250V,DPST,Screw	7360K7 (1620228-3)
783-1191	20/10A,DPST,Screw-In	7360K8
783-1198	20A,250V,DPST,Screw-In	7402K4

Toggle Switch IP67 SPDT On-Off-On

- Toggle switches with silver plated contacts sealed to prevent the ingress of dust or liquids
- Connection via 250in. (1/4in.) receptacles or soldering
- For biased operation 'on' refers to momentary on position
- Brass actuator and Glass Filled Polyester case
- Approvals UL;CSA



317-825	IP67 std SPDT on-off-on toggle switch	AWTE1504
317-437	IP67 std DPDT on-on toggle switch,20A	AWTN1504
317-831	IP67 std DPDT on-(on) toggle switch,20A	AWTR1504
199-318	IP67 std DPDT(on)-off-(on) toggle switch	AWTS1504

Toggle Switch IP67 SPDT On-On

- Toggle switches with silver plated contacts sealed to prevent the ingress of dust or liquids
- Connection via 250in. (1/4in.) receptacles or soldering
- For biased operation 'on' refers to momentary on position
- Brass actuator and Glass Filled Polyester case
- Approvals: UL; CSA



317-421	IP67 std SPDT on-on toggle switch,20A	AWTD1504
317-847	IP67 std DPDT on-off-on toggle switch	AWTP1504
266-2234	IP67 std 4PDT on-off-on toggle switch	A4TP15W04

Piezo Spiral Wrapped Coaxial Cable

- TE Connectivity's MEAS piezo cable acts as a piezo sensor. Constructed from 20 AWG stranded silver-plated copper wire inner inductor, this piezo cable has two ribbons of PVDF film helically wound around the inner inductor. It is braided and jacketed with an extruded high density polymer. The piezo cable sensor is rugged, stands up to heavy loads and is ideal for use in high EMI environments as it is self-shielded.
- Suitable applications include safety and security fencing, perimeter intrusion detection and weather sensing. Other applications include: cable tampering detectors, structural NDT/strain/vibration, underwater acoustics, sports scoring and foul lines. This Piezo cable is ideal for door edge or vehicle bumper switches and patient mattress monitors.



123-4054 Piezo Cable 1005801-1

MS5803/MS5805 Miniature Presssure Sensor Modules

- TE Connectivity's MEAS MS5803/MS5805 series of pressure sensor modules combine an ultra-low power 24-bit Δ ADC with internal factory calibrated coefficients and a high linearity pressure sensor.
- Can be interfaced to any microcontroller
- I2C and SPI interface
- Integrated digital pressure sensor
- Very low hysteresis
- High stability of pressure and temperature signal
- No external components
- Can be hermetically sealed for outdoor devices



893-7228	Sensor Pressure SMD MS5803-02BA 2bar	MS580302BA01-00
893-7219	Sensor Pressure SMD MS5803-02BA 2bar	MS580305BA01-00
893-7200	Sensor Pressure SMD MS5803-02BA 2bar	MS580314BA01-00
893-7199	Sensor Pressure SMD MS5803-02BA 2bar	MS580330BA01-00

HTM2500LF Humidity/Temperature Transducers

- MEAS HTM2500LF is a humidity and temperature transducer that offers a humidity linear voltage output enabling a direct interface with a microcontroller.
- Full interchangeability
- High reliability
- Long term stability
- Suitable for 3 to 10 V dc supply voltage
- Not affected by water immersion - High sensitivity temperature sensor
- Fast response humidity sensor with patented solid polymer structure



893-7373 HPP809A031 Temperature & Humidity Sensor, -40 → +85 °C, 3-Pin HPP809A031

HTU21D(F) Series Digital Humidity Sensors with Temperature Output

- MEAS HTU21D(F) series of digital humidity sensors with temperature output offer an economical solution to high volume, cost sensitive applications. Employing an innovative energy saving mode and with the miniaturisation of the design, the performance-to-price ratio has been enhanced. These humidity sensors are dedicated plug and play transducers providing accurate and reliable measurements for OEM applications. Compatible with automated assembly processes including Pb free and reflow processes, other suitable applications for these humidity sensors include medical, automotive HVAC and defogging, home appliances, humidifiers and printers.



893-7146 HPP845E031R5 Temperature & Humidity Sensor, -40 → +125 °C, 6-Pin DFN HPP845E031R5

HS1101LF Relative Humidity Sensors

- MEAS HS1101LF humidity sensors are suitable for frequency output circuitry or linear voltage. These humidity sensors require no calibration in standard conditions and are therefore fully interchangeable. These humidity sensors can be used in a number of applications including automotive (such as automotive cabin air control), meteorology, home appliances, office automation and printers.



893-7082 HPP801A031 Humidity Sensor, -60 → +140 °C, 2-Pin HPP801A031

Ni1000SOT Temperature Sensors

- MEAS Ni1000SOT series of resistance temperature detectors (RTD) are miniature, low cost and high precision. Suitable for use in contact temperature sensing, these RTDs have been designed for use in harsh environments. Suitable applications for these RTD sensors include general instrumentation, remote sensing, automotive [VW standard 801-01 vibration], temperature sensing, control and compensation.



893-7070 G-NICO-001 Temperature Sensor, 3-Pin SOT-23 G-NICO-001

893-7118 Sensor RTD Nickel SY801 PCB G-NICO-018

PTF Family - PT100 Sensors

- The sensors incorporate a structured platinum film on a ceramic substrate, passivated by glass coating. The sensors are a suitable solution for fast and precise feedback due to the small outline and low mass. Ideal for use with temperature feedback control, industrial applications and medical equipment.



100-7532	-50°C min +600°C max 2.3mm length	NB-PTCO-160
100-5969	-50°C min +600°C max 5mm length	NB-PTCO-024
100-5976	-30°C min +200°C max 2.3mm length	NB-PTCO-058
100-5979	-30°C min +300°C max 4mm length	NB-PTCO-142
100-5982	-30°C min +200°C max 5mm length	NB-PTCO-152
100-7529	-30°C min +200°C max 4mm length	NB-PTCO-156
100-7539	-50°C min +600°C max 4mm length	NB-PTCO-186
100-7541	-30°C min +200°C max 4mm length	NB-PTCO-188

MiniSense 100 Series Vibration Sensors

- MEAS MiniSense 100 series are economical, cantilever-type vibration sensors. Loaded by a mass, these sensors feature a high level of sensitivity at low frequencies and can be used in applications that detect impact or continuous vibration. Suitable applications include anti-theft devices, vital signs monitoring, tamper detection, impact sensing, washing machine load imbalance and vehicle motion sensors.



893-7250 -20°C → +60°C, Dimensions 17.8 × 6 × 1.7 mm 1005940-1

893-7376 -20°C → +60°C, Dimensions 17.8 × 6 × 1.7 mm 1005939-1

FX1901 Series Compression Load Cells

- TE Connectivity's MEAS FX1901 series are economical compression load cells that allow for 'sensing' in smart consumer and medical products. Utilising Microfused™ technology and removing the need for age-sensitive epoxies, these load cells provide excellent long term span and zero stability compared to traditional designs. Designed primarily for OEM use in laboratories, hospital and consumer products, applications include physical therapy devices, patient weight, hand tool forces, assembly forces, chiropractic and exercise equipment, copy equipment, vending systems, appliance unbalance monitoring and appliance payload monitoring.



893-7398 Voltage Compression Load Cell 4.5 → 46.4kg, 5V FX1901-0001-0100-L



Clear Heat Shrink Tubing sleeve

- The TE Connectivity clear sleeving is flexible, heat shrinkable and dual tubing. It has an integral bonded melttable adhesive liner. The sleeving offers mechanical and environmental protection to wire and splice terminals.
- Designed to provide moisture proof encapsulation
- Ideal where the substrates may need to be inspected during service e.g. cable identification
- Low Shrink Temperature +100°C
- Dielectric Strength 20MV/m
- Supplied in 1.2m lengths



157-3874	Clear adhesive lined tubing,12mm bore	DWTC-12/3-X-STK
157-3880	Clear adhesive lined tubing,16mm bore	DWTC-16/4-X-STK
157-3846	Clear adhesive lined tubing,4mm bore	DWTC-4/1-X-STK
157-3852	Clear adhesive lined tubing,8mm bore	DWTC-8/2-X-STK

HTAT - Moisture Proof Sleeving 4:1

- Designed to provide environmental sealing for a range of substrates, at elevated temperatures. Manufactured from radiation - crosslinked polyolefin, the inner wall melts when heated and is forced into intersections by the shrinking of the outer wall so that, when cooled, the substrate is encapsulated by a tough, protective moisture barrier.
- Environmental sealing, high-strength bonding
- Operating temp -55°C to 110°C
- Installation temp. 125°C
- Supplied in 1.2m lengths
- Dielectric strength 12 MV/m (min)



344-0625	Adhesive lined tubing,12-3mm i/d	HTAT-12/3-0-STK
344-0647	Adhesive lined tubing,16-4mm i/d	HTAT-16/4-0-STK
344-0653	Adhesive lined tubing,24-6mm i/d	HTAT-24/6-0-STK
344-0669	Adhesive lined tubing,32-8mm i/d	HTAT-32/8-0-STK
344-0603	Adhesive lined tubing,4-1mm i/d	HTAT-4/1-0-STK
344-0675	Adhesive lined tubing,48-13mm i/d	HTAT-48/13-0-STK

End Cap Black, Polyolefin Adhesive Lined

- Ensures that cable ends are waterproof and permits long term storage without risk of moisture penetration. It is a medium wall moulded cap internally coated with an adhesive sealant.,Installation is simple, the cap is centred over the end of the cable and on application of heat the cap shrinks to form a reliable seal.
- Range: -40°C to +85°C



397-641 Heatshrink tubing end cap,10mm dia KHKB-13358/2

397-657 Heatshrink tubing end cap,20mm dia KHKB-13359/2

397-663 Heatshrink tubing end cap,35mm dia KHKB-13360



INSTALITE Lightweight Braided Sleeving

- INSTALITE lightweight braided sleeving is manufactured from a high-performance, nickel plated copper alloy that offers up to 50% weight saving over traditional copper braids.
- Available in 3mm to 20mm diameters
- Covers wide frequency range
- Offers Lightning protection
- Uses existing termination tooling and processes



887-2869	Lightweight braid tin plated 10mm	LWB-101-10.0(10)
887-2862	Lightweight braid tin plated 20mm	LWB-101-20.0(10)
887-2866	Lightweight braid tin plated 3mm	LWB-101-3.0(10)
887-2875	Lightweight braid tin plated 6mm	LWB-101-6.0(10)

Heat Shrink Cable Sleeve Kit

- Contains selection of RNF100 tubing in a variety of colours and sizes to meet the requirements of the 16th Edition Wiring Regulations
- Shrink Ratio 2:1
- Temperature range: -55°C to 135°C
- Flame retardant
- Flexible
- Excellent physical, chemical and electrical performance



487-4451	RNF100 harmonised cable heatshrink kit	RNF-100-COL-KIT2
394-8315	Black RNF100 heatshrink tubing kit	RNF-100-KIT-BLACK
433-0529	Black/red RNF heatshrink 100 tubing kit	RNF-100-KIT-BLACK/RED

Deutsch Crimp Tool DT Series

- A universal hand crimp tool for Deutsch solid contacts sizes 12, 16 and 20 – connector ranges DT, HD10, HDP20 and HD30.,Simple screw adjustment for height/contact size and dial for applicable wire size.



425-973 DT/HD Universal Crimp Tool Size12,16,20 HDT-48-00

PRO-CRIMPER III SDE Hand Crimp Tools

- PRO-CRIMPER III commercial grade hand operated crimp tools for crimping a wide range of terminals and contacts. These PRO-CRIMPER III commercial hand tools have a precision construction of durable high-carbon steel with extra strength pivot pins for long lasting performance. Commercial grade crimp tools use SDE (Standard Die Envelope) technology enabling the dies to be used in different types of tooling within the same SDE system including, battery, pneumatic and electric tools. There is no need to have separate dies fitted to each type of tool, saving time and costs.



162-5717	Type III + contacts crimp tool	58495-1
162-5723	Type III + contacts extraction tool	305183

SDE (Standard Die Envelope) Die Assemblies

- SDE die assemblies for use with commercial grade SDE (Standard Die Envelope) PRO-CRIMPER III crimping tool (stock number 849-114) and the SDE-SA commercial grade hand crimp tool (stock number 448-7883).These crimp dies are precision designed and manufactured and available for use with a variety of crimp terminal types.



876-1977	Die-set PROCrimp MINI UNIV MNL	90759-2
366-1844	Service crimp tool,20-16 awg	90760-1
366-1838	Service crimp tool,22-18 awg	90759-1
366-1822	Service crimp tool,26-22 awg	90758-1

CERTI-CRIMP Heavy Head Hand Crimp Tools

- CERTI-CRIMP premium grade heavy head hand tools (HHHT) for crimping terminals and contacts on to large coaxial cable and heavy gauge wire. These CERTI-CRIMP premium grade hand crimp tools are designed to high specifications using high-quality materials to produce high-quality consistent terminations with optimal electrical and mechanical performance.



876-2107 Crimp tool STRATO #12 576783

876-2116 Crimp tool STRATO #14 576782

876-2059 Crimp tool STRATO #20 576779

876-2043 Crimp tool for STRATO #24-#22 576778

876-2021 Crimp tool HEAVY HD HT STRATO #10 576784

876-2015 Crimp tool HEAVY HDD HT STRATO #18 576780