

THE CONNECTED HOME

INNOVATIVE SOLUTIONS

OUR SOLUTIONS ENABLE YOU TO DESIGN THE HOME OF TOMORROW.

With our global network of engineers, TE Connectivity (TE) can help turn your vision for connected home applications into a reality. With a broad range of connectivity and sensor solutions for home appliances and devices, lighting, HVAC, security, and more, TE is the ideal partner to help you bring your products to market fast.



1 ENVIRONMENT SENSING



2 EQUIPMENT




3 ACTUATORS



4 CONTROLS



FEATURED PRODUCTS



1.5mm Mini CT Connectors **2 3 4**

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[Quick Reference Guide](#)




Economy Power (EP) 2.5mm Connectors **1 2 3 4**

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IM Relays **2 4**

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P2 Relays **2 4**

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Eurostyle Terminal Blocks **2 3 4**

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Free Height Connectors, 0.5mm Pitch **2 4**

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T9A 30A Power PCB Relay **2 3**

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FSM / FSMMST Series Tactile Switches **1 2 3 4**

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[Catalog](#)



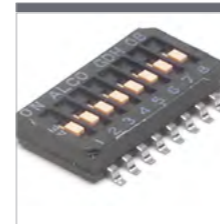
High Performance Interconnect (HPI) Connectors **1 2 3 4**

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Modular Screwless Terminal Blocks, 2.5/2.54/3.5/3.81mm Pitch, 1 Pc. PCB **1 2 3 4**

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GDH Series DIP Switch **1 2 3 4**

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S/SE Series Slide Switches **2 3 4**

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Modular Screwless Terminal Blocks, 5.0mm Pitch, 1 Pc. PCB **1 2 3 4**

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Power Triple Lock Connectors **2 3 4**

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HTU21x Series Sensors **1 2 4**

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Leadless Chip, 44000 Series, DO-35 Packaged Probe Sensors **1 2 4**

[Product Details](#)



RAST 5 PCB Connectors **1 2 3 4**

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RJ45 Connectors **1 2 4**

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M-100 Minisense Vibration Sensors **1 3**

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M5200, U5300, US300, MSP300 Sensors **1 2**

[Product Details](#)



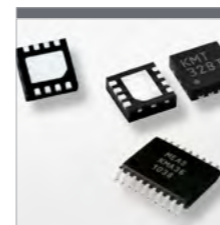
Signal Double Lock Connectors **1 2 3 4**

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Spring Fingers **1 2 3 4**

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MS32, KMT32, KMA36 Linear and Rotary Sensors **1 3 4**

[Product Details](#)




MS45x5, MS5525DSO, MS5637, MS5611, MS5803 Sensors **1 2 4**

[Product Details](#)




Surface Mount (SMT) Antennas **1 2 3 4**

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[Catalog](#)



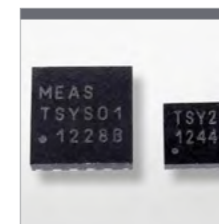
Tab Mount (Through Hole) Antennas **1 2 3 4**

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[Catalog](#)



MS8607 Sensors **1 2 4**

[Product Details](#)



TSYS01, TSYS02 Sensors **1 2 4**

[Product Details](#)

INTERCONNECT

PRODUCT CATEGORY		APPLICATIONS				Max Current Rating (A)	Max Voltage Rating (V)	Operating Temperature Range (°C)	Pitch (mm)	# of Positions	PCB Mounting Style	Mated Height (mm)	Wire Gauge	Contact Interface Plating Options	Wire-to-Wire	Wire-to-Board	Board-to-Board
		1	2	3	4												
Env. Sensing	Equipment	Actuators	Controls														
COMPRESSIVE CONTACTS																	
Spring Fingers	Spring Fingers	*	*	*	*	4	50 V	-40 to +85	N/A	N/A	SMT	1.0 - 4.3	N/A	Gold			*
Board-to-Board (1 pc)	Compressive Contacts	*	*	*	*	0.5	30 VAC	-55 to +85	0.7-2.0	N/A	SMT	0.7 - 3.15	N/A	Tin / Gold			*
SIGNAL CONNECTORS																	
Board-to-Board Connectors (2 pc)	Free Height Connectors, 0.5mm Pitch	*	*	*	*	0.5	50 VAC	-30 to +105	0.5	220 - 440	SMT	1.5 - 6	N/A	Gold			*
	Free Height Connectors, 0.8mm Pitch	*	*	*	*	0.5	100 VAC	-40 to +105	0.8	40 - 200	SMT	5 - 20	N/A	Gold			*
	AMPMODU Connectors, 1.27mm Pitch				*	1	133 V	-65 to +105	1.27	10 - 100	SMT / TH	N/A	N/A	Tin / Gold			*
	AMPMODU Connectors, 2.0mm Pitch				*	2	150 V	-55 to +105	2.0	1 - 100	SMT / TH	N/A	26 - 30	Tin / Gold			*
	AMPMODU Connectors, 2.54mm Pitch				*	3	250 V	-55 to +105	2.54	1 - 80	SMT / TH	N/A	20 - 32 AWG	Tin / Gold	*		*
Flexible Printed Circuit (FPC)	FPC Connectors, 0.25mm Pitch	*	*	*	*	0.2	50 VAC	-25 to +85	0.25	37 - 51	SMT	1.3	N/A	Gold			*
	FPC Connectors, 0.30mm Pitch	*	*	*	*	0.2	50 VAC	-25 to +85	0.3	25 - 71	SMT	0.9 - 1.3	N/A	Gold			*
	FPC Connectors, 0.50mm Pitch	*	*	*	*	0.5	50 VAC	varies	0.5	4 - 60	SMT / TH	0.9 - 4	N/A	Tin / Gold			*
	FPC Connectors, 1.0mm Pitch	*	*	*	*	0.5	50 VAC	varies	1	3 - 30	SMT / TH	0.9 - 4	N/A	Tin / Gold			*
	FPC Connectors, 1.25mm Pitch	*	*	*	*	0.5	50 VAC	varies	1.25	4 - 40	TH	0.9 - 4	N/A	Tin / Gold			*
Flat Flexible Cable (FFC)	FFC Contacts, 1.27 and 2.54mm Pitch	*	*	*	*	0.5	50 VAC	varies	1.27 & 2.54	2 - 70	N/A	0.9 - 4	N/A	Tin / Gold	*		*
Ribbon Cable Connectors	AMP-LATCH Ribbon Cable Connectors	*	*	*	*	1	50 VAC	-55 to +125	2.54	6 - 64	SMT / TH	varies	26 - 32	Tin / Gold			*
Wire-to-Board Connectors	Micro SLP Connector, 0.8mm Pitch	*	*	*	*	1	30 VAC	-25 to +85	0.8	2	SMT	1.4	32	Tin / Gold			*
	1.2mm Wire-to-Board Connectors	*	*	*	*	2	50 V	-25 to +85	1.2	2 - 6	SMT	1.4	28 - 30	Gold			*
	1.5mm Mini CT Connectors	*	*	*	*	1 - 3	50 VAC	-30 to +105	1.5	2 - 40	SMT / TH	varies	24 - 28	Tin / Gold	*		*
	2.0mm CT Connectors	*	*	*	*	1 - 4	125 VAC	-40 to +105	2.0	2 - 30	SMT / TH	varies	22 - 30	Tin / Gold	*		*
	High Performance Interconnect (HPI) Connectors	*	*	*	*	1 - 3	50 - 250 VAC	-40 to +105	1.00 - 2.50	2 - 40	SMT / TH	varies	22 - 32	Tin / Gold			*
	Economy Power (EP) 2.5mm Connectors	*	*	*	*	4	250 VAC	-55 to +105	2.5	2 - 40	TH	varies	20 - 26	Tin	*		*
	Signal Double Lock Connectors	*	*	*	*	3	50 VAC/VDC	-30 to +105	2.5	2 - 13	TH	varies	20 - 26	Tin	*		*
	MTA-100 CL (IDC) and CST II (crimp) Connectors	*	*	*	*	5	250 VAC	-55 to +105	2.54	2 - 28	SMT / TH	varies	20 - 26	Tin / Gold	*		*
MEMORY																	
Micro Secure Digital (SD)	Micro Secure Digital (SD) Memory Card Connectors	*	*	*	*	0.5	30 VAC	-25 to +85	1.1	12	SMT / TH	1.95	N/A	Gold			*
SIM Card Connectors	SIM Connectors, 1.5mm Height	*	*	*	*	1	30 VAC/VDC	-30 to +85	2.5	8	SMT / TH	0.3 - 2.6	N/A	Gold			*
INPUT/OUTPUT																	
USB Connectors	Type A Receptacle	*	*	*	*	N/A	30 VAC	-55 to +85	multiple	4,8,9,12,16	SMT / TH	N/A	N/A	Gold			*
	Type B Receptacle	*	*	*	*	N/A	30 VAC	-55 to +85	multiple	4	SMT / TH	N/A	N/A	Gold			*
	Type C Receptacle	*	*	*	*	5	20 V	-30 to +85	0.5	14, 24	SMT	varies	N/A	Gold	*		*
	Mini USB Connectors	*	*	*	*	1.8	N/A	-65 to +85	0.65	5	SMT	N/A	N/A	Gold			*
	Micro USB Connectors	*	*	*	*	1.8	N/A	-65 to +85	multiple	5	SMT	varies	N/A	Gold			*
RF Connectors	RF BNC Connectors	*	*	*	*	N/A	1500 VAC	-65 to +85	single	1	TH	varies	varies	Gold	*		*
	RF SMA Connectors	*	*	*	*	N/A	1500 VAC	-65 to +165	single	1	TH	varies	varies	Gold	*		*
Modular Jack	RJ45 (8 pos/8 contacts)	*	*	*	*	Signal App Only	150 VAC	-40 to +85	2.54	N/A	N/A	varies	N/A	Gold	*		*
BATTERY																	
Battery Connectors	5A Low Profile Battery Connectors	*	*	*	*	5	30 VDC	-40 to +85	2.5	4	SMT	N/A	N/A	Gold			*
Coin Cell Holder	CR2032 Coin Cell Battery Holder	*	*	*	*	1	30-250 VAC	-55 to +105	N/A	N/A	N/A	N/A	N/A	Tin			*
TERMINAL BLOCKS																	
Eurostyle Terminal Blocks	5.0 / 5.08mm Pitch, 2 Piece Wire-to-Board	*	*	*	*	15	250-300	-40 to +110	5 / 5.08	2 - 24	STH	varies	varies	Tin	*		*
	3.5 / 3.81mm Pitch, 2 Piece Wire-to-Board	*	*	*	*	11	250-300	-40 to +110	3.5 / 3.81	2 - 24	STH	varies	varies	Tin	*		*
	5.0 / 5.08mm Pitch, 1 Piece PCB	*	*	*	*	15	250-300	-40 to +110	5 / 5.08	2 - 24	STH	varies	varies	Tin	*		*
	2.54 / 3.5 / 3.81mm Pitch, 1 Piece PCB	*	*	*	*	10-12	150	-40 to +110	2.54 / 3.5 / 3.81	2 - 24	STH	varies	varies	Tin	*		*
Modular Screwless Terminal Blocks	2.5 / 2.54 / 3.5 / 3.81mm Pitch, 1 Piece PCB	*	*	*	*	6	300 VAC	-40 to +105	2.5 / 2.54 / 3.5 / 3.81	2 - 8	TH	N/A	14 - 26	Tin	*		*
	5.0mm Pitch, 1 Piece PCB	*	*	*	*	8	300 VAC	-40 to +105	5.0	2 - 8	TH	N/A	16 - 20	Tin	*		*
Barrier Blocks	Dual-Barrier Strips 0.250" / 0.325" / 0.375" Pitch	*	*	*	*	10-20	150 / 300 / 600	-40 to +105	0.250" / 0.325" / 0.375" / 0.4375"	2 - 30	TH	N/A	varies	Tin	*		*
	Tri-Barrier Strips 0.250" / 0.325" / 0.375" Pitch	*	*	*	*	10-30	300/600	-40 to +105	0.250" / 0.325" / 0.375" / 0.4375"	2 - 30	TH	N/A	varies	Tin	*		*
POWER CONNECTORS																	
RAST-Compliant Wire-to-Board	2.5mm Connectors	*	*	*	*	2/6	50V/250 VAC	-40 to +110	2.5	3 - 15	TH	varies	22 - 12	Tin / Silver	*		*
	5mm Connectors	*	*	*	*	10/16	250 VAC	-40 to +130	5	2 - 8	TH	varies	24 - 18	Tin / Silver	*		*
Power 2 Piece Wire-to-Wire / Wire-to-Board	Universal MATE-N-LOK Connectors	*	*	*	*	19	600 VAC	-55 to +125	6.35	1 - 15	TH	varies	30 - 10	Tin / Gold	*		*
	Micro MATE-N-LOK Connectors	*	*	*	*	5	250 VAC	-40 to +105	3.0	2 - 24	TH / SMT	varies	30 - 18	Tin / Gold	*		*
	Mini Universal MATE-N-LOK Connectors	*	*	*	*	9.5	600 VAC	-55 to +105	4.14	2 - 15	TH	varies	30 - 16	Tin / Gold	*		*
	Power Double Lock Connectors	*	*	*	*	14	50 (3.96WTB) - 300 VAC	-30 to +105	3.96, 6.2, 7.95	1 - 12	TH	varies	26 - 18	Tin	*		*
	Economy Power (EP) II Connectors	*	*	*	*	10	600 VAC	-55 to +105	3.96	2 - 12	TH	varies	22 - 18	Tin	*		*
	VAL-U-LOK Connectors	*	*	*	*	9	600 VAC	-40 to +105	4.2	2 - 24	TH	varies	26 - 16	Tin	*		*
	Universal Power Connectors	*	*	*	*	14	300 VAC	-30 to +105	3.96, 6.2, 7.95	1 - 18	TH	varies	26 - 16	Tin	*		*
	Power Triple Lock Connectors	*	*	*	*	20	600 VAC/VDC	-55 to +105 / -55 to +150	6.0	2 - 15	TH	varies	22 - 12	Tin	*		*
Terminals & Splices	FASTON Terminals Connectors	*	*	*	*	48	600A	-40 to +250	N/A	N/A	TH	N/A	26 - 8	Tin / Nickel	*		*
	Positive Lock Receptacles	*	*	*	*	48	600A	-40 to +105	N/A	N/A	N/A	N/A	24 - 10	Tin	*		*
	FASTIN FASTON Receptacles	*	*	*	*	48	600A	-40 to +105	N/A	1 - 8	N/A	N/A	24 - 10	Tin	*		*
	Ultra-Fast Receptacles	*	*	*	*	48	600A	-40 to +105	N/A	N/A	N/A	N/A	26 - 10	Tin	*		*
	Open Barrel Rings / Spades	*	*	*	*	N/A	N/A	-40 to +250	N/A	N/A	N/A	N/A	26 - 6	Tin / Nickel	*		*
	MAG-MATE Terminals	*	*	*	*	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	52 - 12	Tin	*		*
Magnet Wire Terminations	AMPLIVAR Splices	*	*	*	*	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	24 - 6.5	Tin / Gold	*		*
	Cluster Block Terminals	*	*	*	*	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	18 - 12	N/A	*		*
	Cluster Block Housing	*	*	*	*	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	18 - 12	Tin	*		*
	Siameze Terminals	*	*	*	*	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	36 - 12	Tin / Silver	*		*

ANTENNAS

PRODUCT CATEGORY		APPLICATIONS				Application	Frequency Band	Connection Type	Mounting Style	Bands	Antenna Type	Packaging
		Env. Sensing	Equipment	Actuators	Controls							
Antennas	Surface Mount (SMT) Antennas	•	•	•	•	Bluetooth WLAN ZigBee Wi-Fi LTE ISM GSM CDMA 850 GSM 900 GSM 1800 CDMA 1900 UMTS IoT	169 700 868 800 850 900 914 1575 1800 1900 2100 2300 2400 2700 5000 2.4GHz 5GHz	SMT	SMT	Single Dual Triple Quad Penta Allband	Stamped PCB FPC Chip Enclosure	Tape & Reel
	Tab Mount (Through Hole) Antennas	•	•	•	•	Bluetooth WLAN ZigBee Wi-Fi LTE ISM GSM CDMA 850 GSM 900 GSM 1800 CDMA 1900 UMTS IoT	169 700 868 800 850 900 914 1575 1800 1900 2100 2300 2400 2700 5000 2.4GHz 5GHz	Tab	Tab	Single Dual Triple Quad Penta Allband	PCB	Bulk Tray
	Cabled Antennas	•	•	•	•	Bluetooth WLAN ZigBee Wi-Fi LTE ISM GSM CDMA 850 GSM 900 GSM 1800 CDMA 1900 UMTS IoT	169 700 868 800 850 900 914 1575 1800 1900 2100 2300 2400 2700 5000 2.4GHz 5GHz	IPEX MCIS u.fl MHF MHF4 MHF4L SMA SMA-RP	Panel Chassis Adhesive Clip	Single Dual Triple Quad Penta Allband	Stamped PCB FPC Enclosure	Bulk Tray
	External Antennas	•	•	•	•	Bluetooth WLAN ZigBee Wi-Fi IoT	2400 5000 2.4GHz 5GHz	IPEX MCIS u.fl MHF MHF4 MHF4L SMA SMA-RP	Chassis Panel SMA SMA-RP	Single Dual	Enclosure	Bulk

RELAYS

PRODUCT CATEGORY		APPLICATIONS				Contact Form	Number of Poles	Current Capability	Terminal Type	Coil Voltage	Coil Options	Size	Switching Power Rating	Endurance (cycles)
		Env. Sensing	Equipment	Actuators	Controls									
Low Power PCB	Power PCB Relay RT1 Inrush Power	•	•	•	•	A	1	16A	THT	5 - 110 VDC	Mono / Bistable 1 or 2 coils	29.1 x 12.7 x 15.7 / 16mm + special	4000VA	100K
	Power PCB Relay RT1 Inrush	•	•	•	•	A, C	1	16A	THT	5 - 60 VDC	Mono / Bistable 1 or 2 coils	29 x 12.7 x 15.7mm	4000VA	Form A 50K
	RZ AgSnO Power PCB Relay	•	•	•	•	A, C	1	16A	THT	3 - 48 VDC	Monostable	29 x 12.7 x 15.7mm	4000VA	Form A 30K
	RT1 Power PCB Relay	•	•	•	•	A, C	1	12/16A	THT / THR (DC&AC)	5 - 100 VDC / 24 - 230 VAC	Mono / Bistable 1 or 2 coils	29 x 12.7 x 15.7mm	3000 / 4000VA	Form A 30K
	PE Power PCB Relay	•	•	•	•	A, C	1	5A	THT	2.2 - 48 VDC	Mono / Bistable 1 coil	20 x 10 x 10	1250 VA	100K
	RYII Power PCB Relay	•	•	•	•	A, B, C	1	8A	THT / THR	5 - 60 VDC	230mW Monostable	28.5 x 10.1 x 12.3	2000 VA	Form A 100K
	PCJ Miniature PCB Relay	•	•	•	•	A	1	3A/5A (WG)	THT	5 - 24 VDC	200mW	20 x 4.7 x 15mm	750AV / 1250 VA (WG)	100K
	SNR Miniature PCB Relay	•	•	•	•	A, C	1	6A	THT	5 - 48 VDC	170mW Monostable	28 x 5 x 15mm	1500 VA	Form AC 5K
	RE Power PCB Relay	•	•	•	•	A	1	6A	THT	5 - 48 VDC	2000mW Monostable	20 x 10 x 10.6mm	1500 VA	100K
	RTX Power PCB Relay	•	•	•	•	A	1	16A	THT	5 - 48 VDC	Bistable 1 or 2 coils	29.1x12.7x16mm	4000 VA	30K
	SSR Relay	•	•	•	•	A, 2A, 4A	1, 2, 4	125A Max.	Screw / THT / Socket	N/A	N/A	varies	125A / 660 VAC Max.	1,000K
	OJ Miniature PCB Relay	•	•	•	•	A	1	3, 5, 8, 10A	THT	3 - 48 VDC	450mW, 200mW Mono	18.2 x 10.2 x 14.7mm	720 - 2500 VA / 90 - 240 W	100K
	OJE Miniature PCB Relay	•	•	•	•	A	1	3, 5, 8, 10A	THT	3 - 48 VDC	450mW, 200mW Mono	18.2 x 10.2 x 14.7mm	720 - 2500 VA / 90 - 240 W	100K
	OMIH 16 Amp Mini PCB Relay	•	•	•	•	A, C	1	10A/16A	THT	5 - 48 VDC	540mW (sensitive), 720mW	29.2 x 12.8 x 20.6mm	2500 VA/300W 4000VA/480W	100K
	RF-FASTON Power PCB Relay	•	•	•	•	A, B	1	16A	THT/QC ²	5 - 60 VDC	400mW	40.5 x 12.7 x 16mm	4000 VA	100-250K (load dependant)
High Power PCB	Power Latching Relay EW80	•	•	•	•	A	1	80A	THT/LUG	5 - 24 VDC	Bistable, 1W	36.8 x 17.2 x 30.4mm	20000 VA	25K
	Miniature Relay PCF	•	•	•	•	A	1	25A	THT/QC ² (#250)	6 - 24 VDC	900mW, 1W	30.4 x 16 x 26.5mm	6370 VA	100K
	T9A 30A Power PCB Relay	•	•	•	•	A, B, C	1	30A	THT/QC ²	5 - 110 VDC	900mW, 1W	32.5 x 27.4 x 20.4mm (THT)	7500 VA	100K
Signal Relay	P2 Relay	•	•	•	•	C	2	2A	THT, SMT	2.4 - 24 VDC	70 - 200mW	14.5 x 7.2 x 10.4mm, stand. 14.5 x 7.2 x 9.9mm, overm.	60W / 62.5 VA	Mechanical 10 ₆ operations
	IM Relay	•	•	•	•	C	2	2/5A	THT, SMT	1.5 - 24 VDC	50 - 200mW	10 x 6 x 5.65mm	60W / 62.5 VA	Mechanical 10 ₆ operations

SWITCHES

PRODUCT CATEGORY		APPLICATIONS				Number of Positions	Terminal Style	Actuation Force (gf)	Voltage (DC)	Actuator Length	Current Rating (A)	Packaging	Size	Sealed
		Env. Sensing	Equipment	Actuators	Controls									
		1	2	3	4									
Tactile Switch	FSM / FSMMST Series Tactile Switch	•	•	•	•	1	THT SMT	100 160 260	24	3.4 - 18.6mm	0.05	Tube Tape & Reel	6x6mm	Yes No
DIP Switch	GDH Series DIP Switch	•	•	•	•	2 - 10	SMT	600	50	Flush	0.1	Tube Tape & Reel	2.54mm spacing	Yes
	ADE Series DIP Switch	•	•	•	•	2 - 12	THT SMT	800	24	1mm	1	Tube Tape & Reel	2.54mm spacing	Yes
	DIP Shunt	•	•	•	•	2 - 12	THT SMT	N/A	24	Flush	1	Tube Tape & Reel	2.54mm spacing	No
Slide Switch	S / SE Series Slide Switch	•	•	•	•	2 - 3	THT	70 - 500	48	2.8mm	0.05	Tray	9.5mm	Yes
	MLL Series Slide Switch	•	•	•	•	2 - 3	SMT	175	20	1.5mm	0.3	Tube Tape & Reel	9.7mm	No

PASSIVES

PRODUCT CATEGORY		APPLICATIONS				Size	Inductance Impedance Resistance	Tolerance	Current Rating DCR TCR	Packaging	Power Rating
		Env. Sensing	Equipment	Actuators	Controls						
		1	2	3	4						
High Frequency Inductor	Thin Film - 3640 Inductor	•	•	•	•	0201 - 0402	INDUCTANCE 0.1nH - 33nH	0.1-0.3nH / 1 - 5%	CURRENT RATING 75mA - 800mA	Tape & Reel	--
	Wirewound - 3650 Inductor	•	•	•	•	0402 - 1008	1.0nH - 15,000nH	0.2nH - 0.5nH / 2% - 10%	100mA - 2300mA	Tape & Reel	--
	Multilayer - 3671 Inductor	•	•	•	•	0201 - 0805	1.0nH - 470nH	0.3nH, 5%, 10%	50mA - 1000mA	Tape & Reel	--
Ferrite Chip Beads	Multilayer Ferrite Beads - Type BMB Series	•	•	•	•	0402 - 1206	IMPEDENCE 10Ω - 2700Ω	25%	DCR 0.01 - 1.50	Tape & Reel	--
Power Chip Resistor	Thick Film Resistor - 3520 Series	•	•	•	•	2512	RESISTANCE 1R0 - 1M0	5%	TCR 350PPM, 200PPM	Tape & Reel	1W
	Thick Film Resistor - 3521 Series	•	•	•	•	2512	1R0 - 1M0	1%	100PPM, 200PPM	Tape & Reel	2W
	Thick Film Resistor - 3522 Series	•	•	•	•	2512	10R - 10M	1% 5%	100PPM, 200PPM	Tape & Reel	3W

SENSORS

PRODUCT CATEGORY		APPLICATIONS				Accuracy	Range	Operating Temperature Range	Stability	Time Response	SMD	Pressure Type	Output Type
		Env. Sensing	Equipment	Actuators	Controls								
		1	2	3	4								
TEMPERATURE													
NTC Thermistor	Leadless Chip, 44000 Series, DO-35, Packaged Probe Sensors	•	•	•	•	±1.0°C	-40 to +250°C	-40 to +250°C	1 to 10 Sec	•	N/A	N/A	R
RTD Temperature Sensor	Wirewound - 3650, Thickfilm - 12552, Packaged Probe Sensors	•	•	•	•	±0.2°C	-40 to +800°C	-40 to +800°C	1 to 10 Sec	•	N/A	N/A	R
Thermocouple	202-M Plug & Play, 600 Series Micro, 211 Series Probe Sensors	•	•	•	•	±2.0°C	-40 to +1800°C	-40 to +1800°C	1 to 10 Sec	•	N/A	N/A	V
Non-contact Thermopile	TS105/318 Component, TSEV Series Module Sensors	•	•	•	•	±3.0°C	-40 to +2000°C	-40 to +2000°C	5 mSec	•	N/A	N/A	V
Digital Temperature Sensor	TSYS01, TSYS02 Sensors	•	•	•	•	±1.0°C	-40 to +125°C	-40 to +125°C	1 to 10 Sec	•	N/A	N/A	D
HUMIDITY													
Humidity Component Module	HS1101LF Sensors	•	•	•	•	±3%	0 to 100%	-60 to +140°C	10 Sec	•	±0.5% RH/yr	N/A	C
Digital Humidity Sensor	HTU21x Series Sensors	•	•	•	•	±3%	0 to 100%	-40 to +125°C	10 Sec	•	±0.5% RH/yr	N/A	D
PRESSURE													
Board Level Pressure	MS45x5, MS5525DSO, MS5637, MS5611, MS5803 Sensors	•	•	•	•	±2%	0.07 to 300psi	-40 to +125°C	1 mSec	•	±1%FS/yr	G, A, D, C, V	R, A, D
Transducer Transmitter	MS200, US300, US300, MSP300 Sensors	•	•	•	•	±1%	50 to 30,000psi	-40 to +125°C	1 mSec	•	±1%FS/yr	G, D	R, A, D
Pressure Capsule	Model 82, 85, 86, 89, 154 Sensors	•	•	•	•	±1%	1 to 300psi	-40 to +125°C	1 mSec	•	±1%FS/yr	G, A, S, V	M, R, V, D
POSITION													
Magneto Resistive Sensor	MS32, KMT32, KMA36 Linear and Rotary Sensors	•	•	•	•	±0.3°C	0 to +360°	-40 to +150°C	1 mSec	•	N/A	N/A	M, V, D
Liquid Level Sensor	LS, VS, OS Series Sensors	•	•	•	•	±3%	Binary On Off	-30 to +130°C	Instant	•	Infinite	N/A	S
Proximity Switch	PS1, PS2, PS4, PSS Series Sensors	•	•	•	•	±2%	Binary On Off	-30 to +130°C	Instant	•	Infinite	N/A	S
VIBRATION													
Piezoelectric Film	M-100 Minisense Vibration Sensors	•	•	•	•	±10%	0 to 40 Hz	-40 to +60°C	100 mSec	•	±1%/yr	N/A	V
COMBINATION													
Pressure Temperature Humidity	MS8607 Sensors	•	•	•	•	±1%	10 to 2000mBar 0 to 100% RH	-40 to +85°C	1 Sec	•	N/A	A	D
FORCE													
Load Cell	FX1901, FS20, FC22, FC23 Sensors	•	•	•	•	±2%	2.0 to 2000lbf	-40 to +85°C	1 mSec	•	±1%/yr	N/A	M, A, D
FLOW													
Reed Switch and Magnet	FS, FCS Series Sensors	•	•	•	•	±3%	Binary On / Off	-30 to +130°C	Instant	•	Infinite	N/A	S

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