

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	Tape & Reel	1W
	Thick Film Resistor - 3521 Series	•	•	•	•	2512	1R0 - 1M0	1%	350PPM, 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