
















Series	I-Button	Product Image	Description	Mounting	Min. Tolerance (%)	TCR (ppm/C)	Max. Temperature	Resistance (min) (ohm)	Resistance (max) (ohm)	
FRSG Series (Z1 Foil Technology) 0603, 0805, 1206, 1506, 2010, 2512	 		Ultra High-Precision Foil Wraparound Surface Mount Chip Resistor with Gold Plated Terminals for High Temperature Applications up to +225°C	Surface Mount	0.01	2.5	225	10	125K	
FRSH Series (Z1-Foil)	 		Ultra High Precision Foil Wraparound Surface Mount Chip Resistor with Extended Pads for High Power/High Temperature Applications up to +225 °C, Load Life Stability of 0.05% ,TCR to ± 1ppm/ °C	Surface Mount	0.02	2.5	+225	10	25K	
									30K	
									70K	
									125K	
								100	5K	
	10	8K								
FRST Series (Z1 Foil Technology) (0603, 0805, 1206, 1506, 2010, 2512)	 		Ultra High-Precision Foil Wraparound Surface Mount Chip Resistor for High Temperature Applications up to +200°C, Humidity Proof (85°C/85% RH) to 0.005%, Stability Under Load of 0.02%	Surface Mount	0.01	2.5	+200	5	125K	
									4K	
								5	8K	
									25K	
									30K	
									70K	
HTHA Series (Z1-Foil)	 		Ultra High Precision Z1-Foil Technology Aluminum Wire Bondable Chip or Flip Chip Resistor for Hybrid Circuits for High Temperature Applications up to +240 °C, Long Term Stability of 0.05% ,TCR to ± 1ppm/ °C	Surface Mount	0.02	2.5	+240	5	125K	
									5K	
								5	8K	
									25K	
									30K	
									70K	
HTHG Series (Z1-Foil)	 		Precision Z1-Foil Technology Gold Wire Bondable Chip Resistor for Hybrid Circuits for High Temperature Applications up to +240 °C, Long Term Stability of 0.05%,TCR to ± 1ppm/ °C	Surface Mount	0.02	2.5	+240	5	125K	
										10K
										30K
									30K	80K
								100	5K	
								5	8K	
									25K	
	70K									

Series	I-Button	Product Image	Description	Mounting	Min. Tolerance (%)	TCR (ppm/C)	Max. Temperature	Resistance (min) (ohm)	Resistance (max) (ohm)
			Hermetically Sealed Precision Resistor Network Devices For High Temperature (PRND) With Screen/Test Flow in Compliance with EEE-INST-002 (Tables 2A and 3A, Film/Foil, Level 1) and MIL-PRF-83401						
PRND HT			Hermetically Sealed Precision Resistor Network Devices For High Temperature (PRND) With Screen/Test Flow in Compliance with EEE-INST-002 (Tables 2A and 3A, Film/Foil, Level 1) and MIL-PRF-83401	Through Hole	0.01	2.5	+230	5	60K
S-Series (S102 series, S104 series, S105 Series & S106 Series)	 		S Series - High Performance Aerospace and Instrumentation Resistors	Through Hole	0.005	2.0	+175	0.5	1M
								1	150K
									500K
									750K
								0.5	1M
								1	100K
									300K
	500K								
							0.5	600K	
SMR1D & SMR3D			Precision Molded Surface Mount Resistor	Surface Mount	0.01	2.0	+175	5	80K
Z-Series (Z201 series, Z204 series, Z205 Series & Z206 Series)			Ultra High Precision Z-Foil Resistor with TCR of ± 0.05 ppm/ °C	Through Hole	0.005	0.0050	+175	10	600K
									100K
									200K
									300K
									600K
Z201HT Through-Hole Resistors			Ultra High-Precision Through-Hole Foil Resistor for High Temperature Applications up to +200°C	Through Hole	0.01	0.2		10	100K
Z203 (Z1-Foil)			Ultra High Precision Z1-Foil resistor for Metrology and Laboratory Applications	Through Hole	0.005	0.5	+175	10	100K