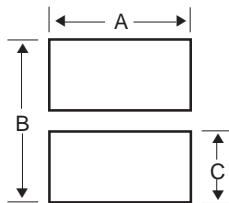


ENVIRONMENTAL CHARACTERISTICS:

ITEM	SPECIFICATIONS	TEST METHOD
SHORT TIME OVERLOAD	$\pm(0.5\% + 0.05\Omega)$	JIS-C-5205-5.5 RCWV*2.5 or max overload voltage, 5 seconds
INSULATION RESISTANCE	>1000m Ω	MIL-STD-202F method 302 Apply 100VDC for 1 minute
THERMAL SHOCK	$\pm(0.25\% + 0.05\Omega)$	MIL-STD-202F method 107G -55°C~125°C, 100 cycles
LOAD LIFE	$\pm(0.5\% + 0.05\Omega)$	MIL-STD-202F method 108A RCWV, 70°C, 1.5 hours ON, 0.5 hours OFF, total 1000~1048 hours
HUMIDITY (STEADY STATE)	$\pm(0.5\% + 0.05\Omega)$	MIL-STD-202F method 103A 40°C, 90~95 % RH, RCWV, 1.5 hours ON, 0.5 hours OFF, total 1000~1048 hours
RESISTANCE to DRY HEAT	$\pm(0.5\% + 0.05\Omega)$	JIS-C-5202-7.2 96 hours @ +125°C without load
LOW TEMPERATURE OPERATION	$\pm(0.5\% + 0.05\Omega)$	JIS-C-5202-7.1 1 hour, -65°C, followed by 45 minutes of RCWV
BENDING STRENGTH	$\pm(0.5\% + 0.05\Omega)$	JIS-C-5202-6.1.4 Bending Amplitude 3mm for 10 seconds
SODERABILITY	95% min. coverage	MIL-STD-202F method 208H 235°C, $\pm 5^\circ\text{C}$, 2 ± 0.5 seconds
RESISTANCE to SODERABILITY HEAT	$\pm(0.25\% + 0.05\Omega)$	MIL-STD-202F method 210E 260 $\pm 5^\circ\text{C}$, 10 ± 1 second

RECOMMENDED SOLDER PAD DIMENSIONS:



DIMENSIONS		0402	0603	0805	1206	2010	2512
A	IN.	0.020	0.030	0.040	0.080	0.120	0.145
	mm	(0.50)	(0.80)	(1.00)	(2.00)	(3.05)	(3.70)
B	IN.	0.060	0.090	0.130	0.160	0.255	0.305
	mm	(1.60)	(2.30)	(3.40)	(4.00)	(6.50)	(7.75)
C	IN.	0.020	0.030	0.040	0.050	0.060	0.060
	mm	(0.50)	(0.70)	(1.00)	(1.25)	(1.50)	(1.50)

PACKAGING:

CODE	TYPE
T	TAPING REEL
B	BULK

HOW TO ORDER:

The part number is a combination of type, size, packaging code, resistance value and tolerance.

EXAMPLE:

Sample Part No. TR3 - 50 - 1 - 100 - T

Type _____

Resistance Value _____

Tolerance in % _____

Temperature Coefficient (ppm/°C) _____

Packaging Code _____