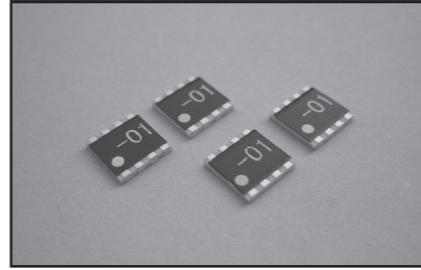


SMD Resistor Net works

- NiCr thin film resistor networks exhibiting 2ppm/°C tracking and a 0.2% ratio.
 - A 50mW/resistor rating is sufficiently derated power for 5V analog circuits.
 - The 8-pin design affords flexibility in circuit design.
 - Supplied in plastic reel for automated assembly.
 - Custom-designed 8-pin configurations available.
- Application include: measurement, industrial electronics and instruments, automatic testing, high speed digital data transmission, intelligent hubs and routers, data switching.



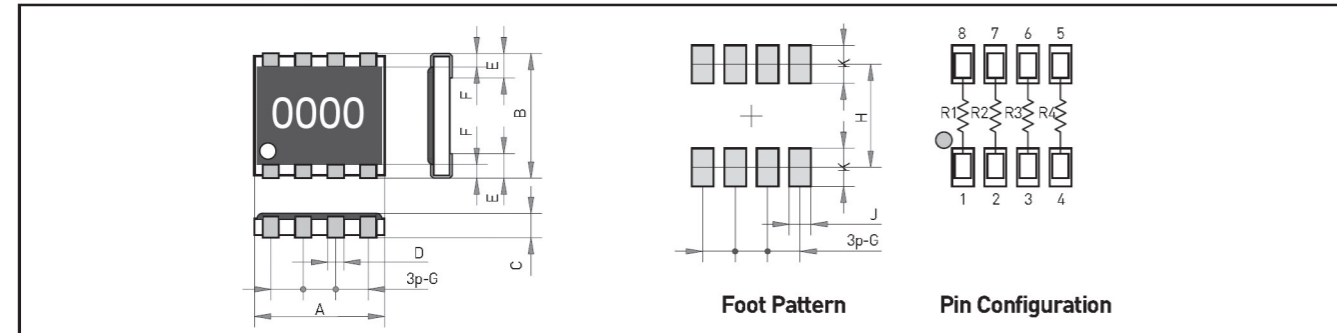
GENERAL SPECIFICATIONS

Model	Resistance Range[Ω]	TCR		Tolerance(%)		Rating Power		Operating Temp range
		Absolute	Tracking	Absolute	Matching	Resistor	Package	
MCM8	100Ω ~ 22KΩ	±5ppm/°C	±2ppm/°C	B [±0.1]	Q [±0.02]	50mW	0.2W	-55°C ~ +120°C

CHARACTERISTICS

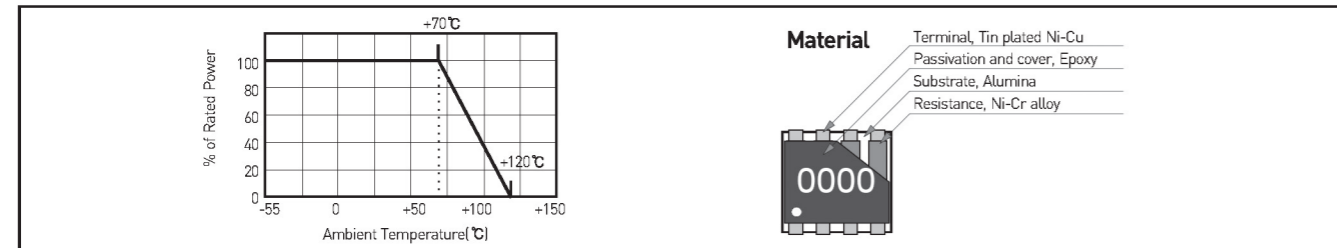
Short Time Overload	[±0.05%] absolute	Rated power × 2.5, 5secs.
Insulation Resistance	> 10,000MΩ	
Dielectric Withstanding Voltage	[±0.05%] absolute	100V for 60secs.
Heat Shock	[±0.1%] absolute	5 cycles for temp. -65°C, +25°C, +125°C, +25°C
Soldering Heat	[±0.05%] absolute	350°C, 3secs.
Solderability	Covered 95% area	230°C, 3secs.
Solvent	No mechanical damage	
Humidity	[±0.1%] absolute	40°C, 90-95% RH, DC 0.1W, 1000hours
Load Life	[±0.1%]	70°C, 90minutes on, 30minutes off, 1000hours

DIMENSIONS [mm]



A	B	C	D	E	F	G	H	J	K
5.00±0.2	5.00±0.1	0.80±0.2	0.635±0.1	1.00±0.2	(0.5)	1.27±0.1	4.00	0.635±0.1	1.00

DERATING CURVES



ORDERING PROCEDURE EXAMPLE

