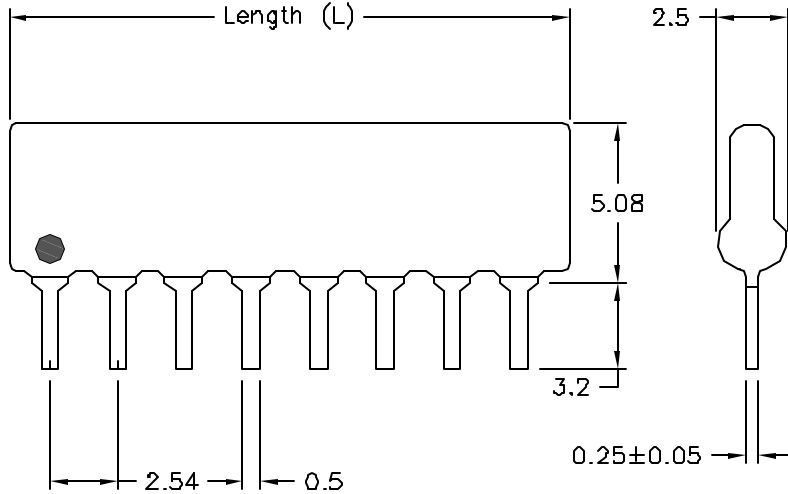




REVISIONS

DCP. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1991	A	RELEASED	JN	10/14/08	JWM	10/14/08	JWM	10/14/08



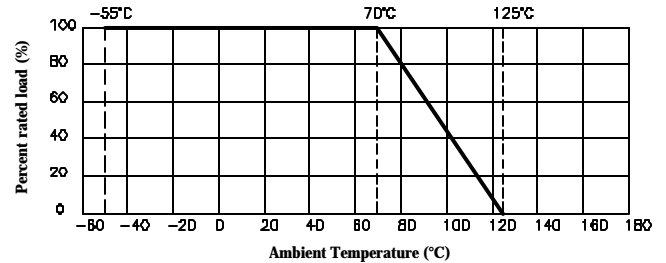
Features

- High Reliability with RUO2 paste
- Miniature, high density packaging
- Combinations of different ohmic values are available

Performance Specifications

- Temperature coefficient: 50W-1MW: $\pm 200\text{PPM}/^\circ\text{C}$
 $<50\text{W} \ \> \ 1\text{MW}$: $\pm 250\text{PPM}/^\circ\text{C}$
- Short-time Overload: DR/R $\leq \pm(0.5\% + 0.1\text{W})$
- Insulation Resistance: Min. 10,000 Mega Ohm
- Dielectric withstanding Voltage: No Evidence of flashover, Mechanical damage, arcing or insulation breakdown.
- Terminal Strength: DR/R $\leq \pm(0.5\% + 0.1\text{W})$
- Resistance to soldering heat: DR/R $\leq \pm(0.5\% + 0.1\text{W})$
- Solderability: Min. 95 Coverage
- Thermal Shock: DR/R $\leq \pm(0.5\% + 0.1\text{W})$
- Temperature cycling: DR/R $\leq \pm(0.5\% + 0.1\text{W})$
- Load life in humidity: DR/R $\leq \pm(3.0\% + 0.1\text{W})$
- Load Life: DR/R $\leq \pm(3.0\% + 0.1\text{W})$

Mfg P/N	Resistance	Number of pins	Package/Case	L (Max)	H (Max)	T (Max)	C $+0.3$ -0.2	D ± 0.1	F ± 0.2
MCRNLA05G0103B0E	10kohm	5	5-SIP	12.7	5.08	2.5	3.2	0.5	2.54
MCRNLA06G0102B0E	1kohm	6	6-SIP	15.3					
MCRNLA06G0103B0E	10kohm	6	6-SIP						
MCRNLA06G0472B0E	4.7kohm	6	6-SIP						
MCRNLA08G0102B0E	1kohm	8	8-SIP	20.4					
MCRNLA08G0103B0E	10kohm	8	8-SIP						
MCRNLA08G0332B0E	3.3kohm	8	8-SIP						
MCRNLA08G0472B0E	4.7kohm	9	8-SIP						
MCRNLA09G0102B0E	1kohm	9	9-SIP	22.9					
MCRNLA09G0103B0E	10kohm	9	9-SIP						
MCRNLA09G0472B0E	4.7kohm	9	9-SIP						
MCRNLA10G0102B0E	1kohm	10	10-SIP	25.4					
MCRNLA10G0103B0E	10kohm	10	10-SIP						
MCRNLA10G0104B0E	100kohm	10	10-SIP						
MCRNLA10G0222B0E	2.2kohm	10	10-SIP						
MCRNLA10G0472B0E	4.7kohm	10	10-SIP						



Power Rating at 70 °C	Max. Working Voltage	Max. OverLoad Voltage	Dielectric With standing Voltage	Resistance Range	Resistance Tolerance	Operating Temp. Range
B Type: 0.2W	100V	150V	200V	R Type: 100 \blacksquare -10K \blacksquare	$\pm 1\%$	-55°C - $+125^\circ\text{C}$
Others: 0.125W				Others: 10 \blacksquare -1M \blacksquare	$\pm 2\%$ $\pm 3\%$	

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	Jason Nash	10/14/08	Resistor Network			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	JEFF MCVICKER	10/14/08	A	TA-956	TA-956.DWG	A
	APPROVED BY:	DATE:	SCALE:	U.O.M.:	SHEET:	
JEFF MCVICKER	10/14/08	NTS	MILLIMETERS	1 OF 1		

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