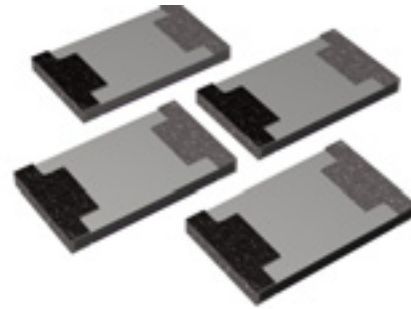


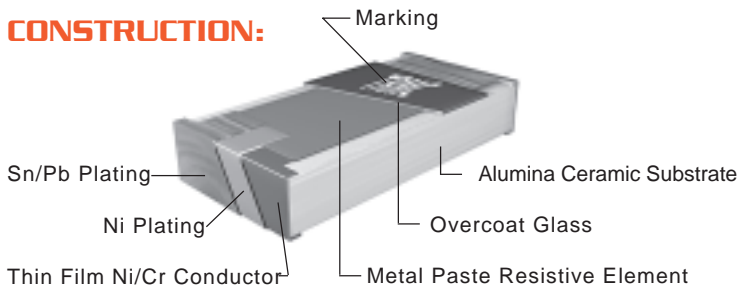
CURRENT SENSE, SURFACE MOUNT, CHIP RESISTORS

FEATURES:

- Standard tolerances to $\pm 0.5\%$
- International standard size
- Highly reliable multilayer electrode construction
- Compatible with both flow soldering and reflow soldering
- Highly stable in auto-placement surface mounting applications
- Custom sizes can be designed for special applications
- TC's to $\pm 100\text{ppm}$
- Matching available resistance



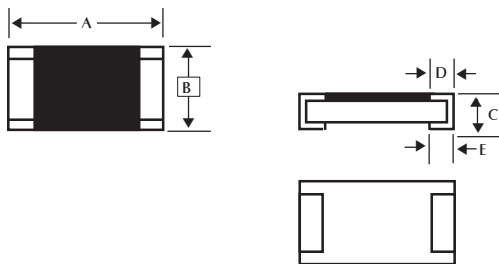
CONSTRUCTION:



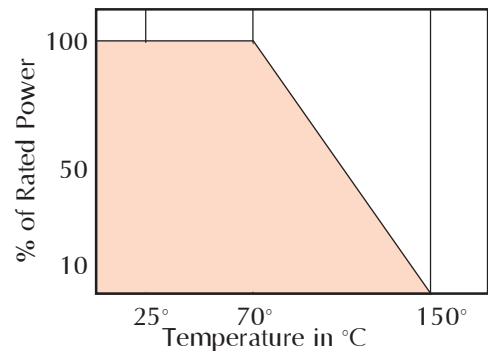
GENERAL SPECIFICATIONS:

- Standard resistance range: 0.01Ω to 1Ω Other values available.
- Tolerance: $\pm 1\%$ to 5%
- Temperature coefficient: $100\text{-}600\text{ ppm}/^\circ\text{C}$. Other temperature coefficients available.
- Power rating: The power rating is from 70°C to 150°C derated linearly to zero at 150°C . The chip can be used at higher power level with adequate heat sinking.
- Resistive elements: Metal Paste.
- Substrate: alumina

DIMENSIONAL AND TERMINAL CONFIGURATIONS:



DERATING CURVE:



ELECTRICAL SPECIFICATIONS AND DIMENSIONS - TEPRO TYPE "TT":

TEPRO TYPE	SIZE	DIMENSIONS (Inches)					TCR (ppm/°C)	RATED POWER (milliwatts)	RESISTANCE RANGE (ohms)
		A ± 0.007	B ± 0.005	C ± 0.005	D ± 0.005	E ± 0.005			
TT2	0402	0.039	0.019	0.014	0.009	0.011	100/600	62.5	.05 - 1
TT3	0603	0.063	0.032	0.016	0.012	0.015	100/600	100	.02 - 1
TT5	0805	0.079	0.049	0.016	0.016	0.015	100/600	125	.02 - 1
TT6	1206	0.126	0.063	0.021	0.021	0.021	100/600	250	.01 - 1
TT10	2010	0.209	0.098	0.025	0.021	0.021	100/600	500	.01 - 1
TT12	2512	0.258	0.124	0.025	0.021	0.021	100/600	1000	.01 - 1