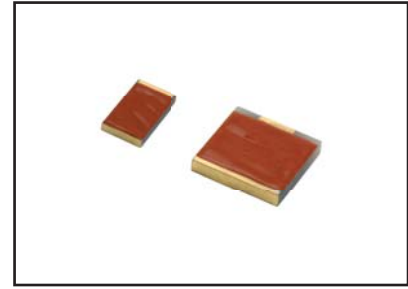




## ◆ TCD-3 ◆ Chip Terminations

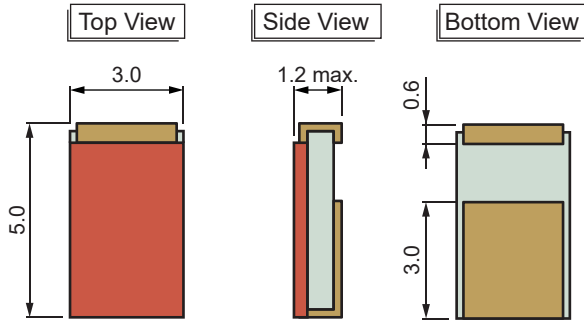
Applicable to MIL-R-11804E



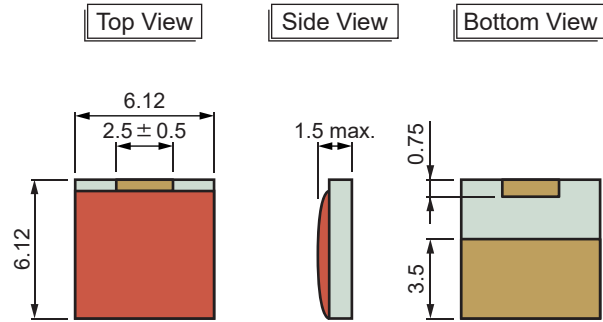
### Dimensions

Unit : mm

#### TCD-3010



#### TCD-3020

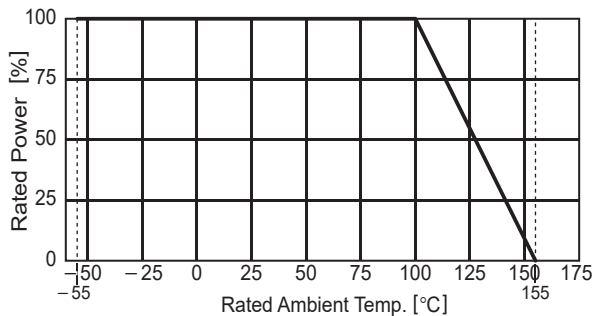


Tolerance : ± 0.2

### Rating

Requirements	TCD-3010B50	TCD-3020C50
Frequency Range	DC ~ 2.5 GHz	DC ~ 2.3 GHz
VSWR	1.2 max.	1.2 max.
Impedance	50 Ω	50 Ω
Resistance Tolerance	± 2 %, ± 5 %	± 2 %, ± 5 %
T.C.R.	± 200 ppm/°C	± 200 ppm/°C
Rated Power	10 W	20 W
Working Temp. Range	-45 °C ~ 150 °C	-55 °C ~ 155 °C

### Derating Curve



### Materials

Part Name	Materials
Coating	Silicone
Resistance	Thin Film Tantalum Alloy
Electrode	Ni / Au Flash
Substrate	Aluminum Nitride

### How to Code

TCD	3	010	B	50	G	G	TR
Style	No.	Rated Power	Electrode Structure	Resistance	Resistance Tolerance	Made with RoHS	Packaging
		010 10W 020 20W	B 3010 C 3020	50 50Ω	G ±2% J ±5%		- Bulk TR Tape Reel

⚠ Specifications of products are subject to change without notice.

e-tcd3xxx-p01-08



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