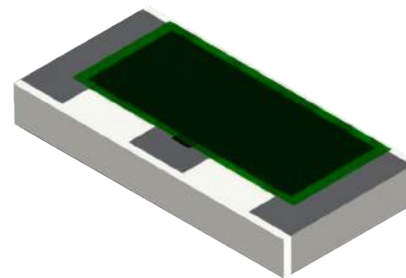


TV1020CT-50R0JN-2T Features:

- Solderable Terminals
- RoHS Compliant
- Customer Defined Testing Available
- High Rated Power
- ±5% Resistor Tolerance
- Tape & Reel and Waffle Pack Available (Standard is Bulk)



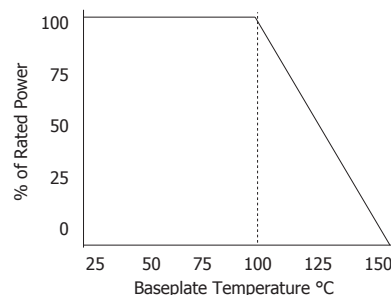
Actual Size

TV1020CT-50R0JN-2T Parameters:

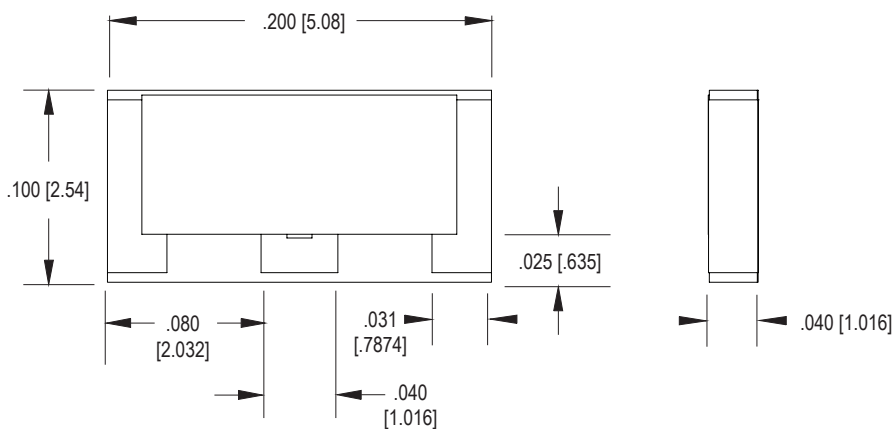
Operating Frequency:	DC - 8GHz
Rated Power:	30W*
Return Loss (Typical)**:	20dB or Better (DC - 6GHz) 17dB or Better (>6GHz - 8GHz)
Impedance:	50Ω ±5%***
Resistor Construction:	Thick Film on AIN
Terminal Metallization:	100% Matte Tin over Nickel over Silver
Operating Temperature:	-55 to +150°C

* Rating based on ≤100°C constant baseplate temperature
 ** In a matched, continuous 50Ω system with proper workmanship
 *** Other values and tolerances available. Contact factory.

TV1020CT-50R0JN-2T Power Derating Curve



TV1020CT-50R0JN-2T Dimensions:



Dimensions in inches [mm]
 Tolerance is ± 0.010 [0.254]
 unless otherwise stated

Ordering Information:

Example Part Number: TV1020CT-50R0JN-2TUU

TV	1020	CT -	50R0	J	N	-	2T	UU
Prefix for Chip Termination					Normal Inspection Contact factory for additional options			
Size	1020		Impedance Value Code 50R0 - 50Ω	Tolerance J - 5%			Substrate 2T - 0.040" AIN	Packaging Blank - Bulk TR - Tape & Reel WP - Waffle Pack
Terminal Metallization	CT - Matte Tin over Nickel over Silver		RoHS Yes	Magnetic Yes	Solder Yes		Epoxy No	Wirebond No

Barry Industries reserves the right to change part number and/or process without notification.



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