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)

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 AlN
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 Dimensions:

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

Ordering Information:

Example Part Number: TV1020CT-50R0JN-2TTR

Prefix for Chip Termination
Size 1020
Terminal Metallization CT - Matte Tin over Nickel over Silver

Impedance Value Code 50R0 - 50Ω
Tolerance J - 5%

Normal Inspection Contact factory for additional options

Substrate 2T - 0.040" AlN

RoHS Yes
Magnetic Yes
Solder Yes
Epoxy No
Wirebond No

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

Barry Industries maintains an ISO9001 Certified Quality Management System.