

Ch Model RFP-375375N6X50-2



Aluminum Nitride Terminations 200 Watts, **50** Ω

General Specifications

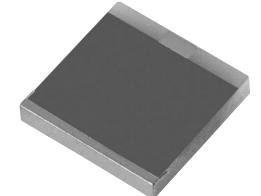
Electrical Specifications

Resistive Element:

Resistance Value:

Frequency Range:

Substrate: Terminals:



Features

- DC 2.5 GHz
- 200 Watts
- Aluminum Nitride (AIN) Ceramic
- Terminal for Lead Attachment •
- Non-Nichrome Resistive • Element
- Low VSWR
- 100% Tested

TOP VIEW SIDE VIEW .375 -.060 .080 -ALN .375 375375 6Xxxx HATCHED AREA INDICATES LOCATION OF PROTECTIVE COATING Note: XXX denotes value. VER. 12/5/01

Outline Drawing

Available on Tape and Reel for Pick and Place Manufacturing.

Sales Desk USA: Voice: (800) 544-2414 Fax: (315) 432-9121 Sales Desk Europe: Voice: (+44) 23 92 232392 Fax: (+44) 23 92 251369



Power: V.S.W.R.: 1.30:1 Notes: Tolerance is ±.010, unless otherwise specified. Operating

temperature is -55°C to +150°C (see chart). Designed to meet or exceed

50 ohms, ±2% DC - 2.5 GHz 200 Watts

Thick film

Aluminum nitride ceramic

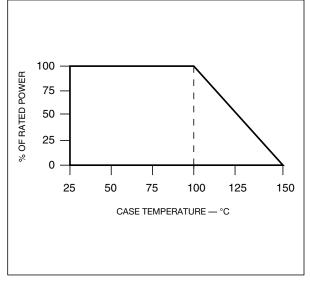
Tin/Lead, 90/10 over nickel

applicable portions of MIL-E-5400. All dimensions are in inches. Specifications subject to change without notice.



Model RFP-375375N6X50-2 **Power Typical Performance** RFP-375375N6X50-2 90 100 80 1.66 - - - - 110 70 RFP-375375N6X50-2 120 130 0.00 140 150 -10.00 160 170 -20.00 10 S11[dB] 1.00 2.00 .00 0.20 0.50 5.00 180_ 0.0 -30.00 -170 -10 -160 -20 5.00 -40.00 30.20 -30 -150 -140 40 -50.00 0.50 1.00 2.00 2.50 3.00 -130 -130 -2,00 . -50 FREQ [GHz]

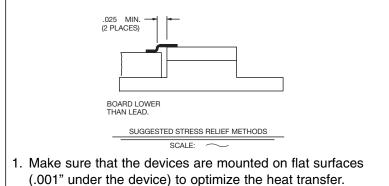
Power Derating



Suggested Mounting Procedures

-110

-120



-100

TT

-70

-80

-ģn

-60

- 2. Position device on mounting surface and solder in place using an SN96 type solder.
- 3. Solder leads in place using an SN63 type solder with a controlled temperature iron (700°F).

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What'll we think of next?"

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