

STRIPLINE FLANGE TERMINATIONS

Ordering Information:

Example: RFT 375 - 3

Series # _____
 Flange size: _____
 0.375 SQ
 Contact type _____

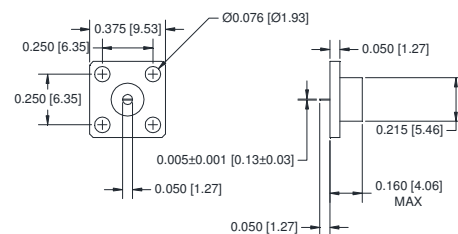
Specifications

- Impedance: 50 Ohms
- Tolerance: $\pm 5\%$
- Power: 1 Watt
- VSWR & frequency range: See Table
- Operating temperature: -55°C to 150°C

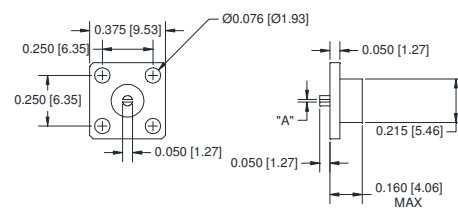
Materials

- Substrate: Alumina
- Contacts: Gold plated beryllium copper or brass
- Housing: Nickel plated brass
- Resistive film: Thin film

PERFORMANCE SPECIFICATIONS:		
PART #	FREQUENCY RANGE	VSWR (MAX)
RFT375-3	DC TO 4GHz	1.15:1
	4 TO 8GHz	1.20:1
	8 TO 18GHz	1.35:1



PERFORMANCE SPECIFICATIONS:			
PART #	"A" DIMENSION	FREQUENCY RANGE	VSWR (MAX)
RFT375-4	0.014"	DC TO 4GHz	1.10:1
RFT375-5	0.020"	DC TO 8GHz	1.20:1
RFT375-6	0.028"	DC TO 18GHz	1.35:1



Dimensions are in inches [mm]

Tolerance: .XXX = ± 0.010
 .XX = ± 0.015

P.O. BOX 18802, Clearwater, FL 33762
 1-800-526-0704



STRIPLINE FLANGE TERMINATIONS

Ordering Information:

Example: RFT 5 18 - 6

Series # _____
 Flange size: _____
 5: 0.500 SQ
 10: 1.000 SQ
 Frequency range _____
 Contact type _____

Specifications

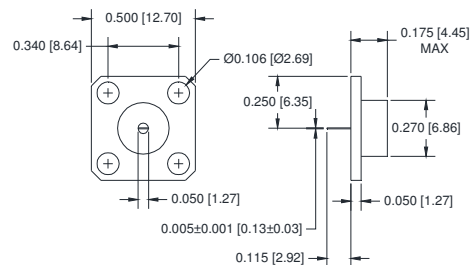
- Impedance: 50 Ohms
- Tolerance: ±5%
- Power: See Table
- VSWR & frequency range: See Table
- Operating temperature: -55°C to 150°C

Materials

- Substrate: Beryllium oxide
- Contacts: Gold plated beryllium copper or brass
- Housing: Nickel plated aluminum
- Resistive Film: Thin film

PERFORMANCE SPECIFICATIONS: POWER RATING = 10 WATTS

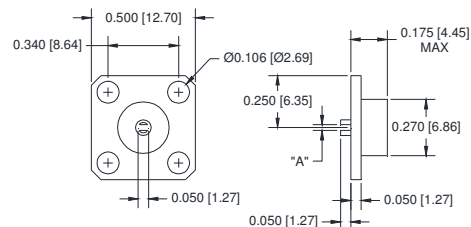
PART #	FREQUENCY RANGE (GHz)	VSWR (MAX) DC - 2	VSWR (MAX) 2 - 4	VSWR (MAX) 4 - 8	VSWR (MAX) 8 - 12	VSWR (MAX) 12 - 18
RFT502-10	DC TO 2	1.10				
RFT504-10	DC TO 4	1.10	1.10			
RFT508-10	DC TO 8	1.10	1.10	1.20		
RFT512-10	DC TO 12	1.10	1.10	1.20	1.30	
RFT518-10	DC TO 18	1.10	1.10	1.20	1.30	1.35



PERFORMANCE SPECIFICATIONS: POWER RATING = 10 WATTS

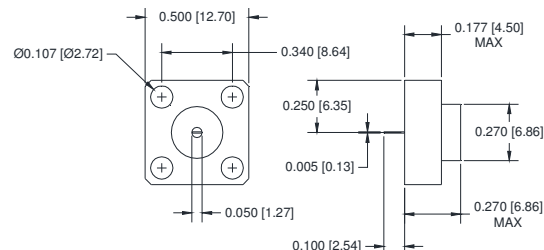
PART #	FREQUENCY RANGE (GHz)	VSWR (MAX) DC - 2	VSWR (MAX) 2 - 4	VSWR (MAX) 4 - 8	VSWR (MAX) 8 - 12	VSWR (MAX) 12 - 18
RFT502-X	DC TO 2	1.10				
RFT504-X	DC TO 4	1.10	1.10			
RFT508-X	DC TO 8	1.10	1.10	1.20		
RFT512-X	DC TO 12	1.10	1.10	1.20	1.30	1.35

"X" (CONTACT TYPE)	"A" DIMENSION
6	0.028"
7	0.032"
8	0.014"
9	0.020"



PERFORMANCE SPECIFICATIONS: POWER RATING = 20 WATTS

PART #	FREQUENCY RANGE (GHz)	VSWR (MAX) DC - 2	VSWR (MAX) 2 - 4	VSWR (MAX) 4 - 8	VSWR (MAX) 8 - 12	VSWR (MAX) 12 - 18
RFT502-1	DC TO 2	1.10				
RFT504-1	DC TO 4	1.10	1.10			
RFT508-1	DC TO 8	1.10	1.10	1.15		
RFT512-1	DC TO 12	1.10	1.10	1.15	1.25	
RFT518-1	DC TO 18	1.10	1.10	1.15	1.25	1.30



Dimensions are in inches [mm]

Tolerance: .XXX = ±0.010

.XX = ±0.015

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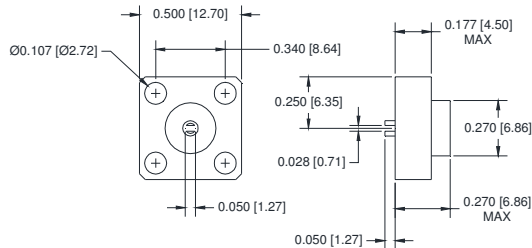
RES-NET MICROWAVE



STRIPLINE FLANGE TERMINATIONS

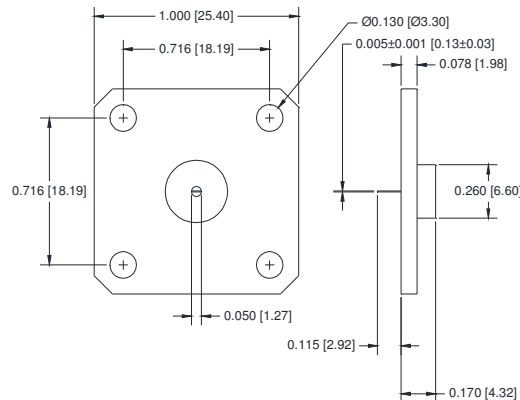
PERFORMANCE SPECIFICATIONS: POWER RATING = 20 WATTS

PART #	FREQUENCY RANGE (GHz)	VSWR (MAX) DC - 2	VSWR (MAX) 2 - 4	VSWR (MAX) 4 - 8	VSWR (MAX) 8 - 18
RFT502-2	DC TO 2	1.10			
RFT504-2	DC TO 4	1.10	1.15		
RFT508-2	DC TO 8	1.10	1.15	1.20	
RFT518-2	DC TO 18	1.10	1.15	1.20	1.30

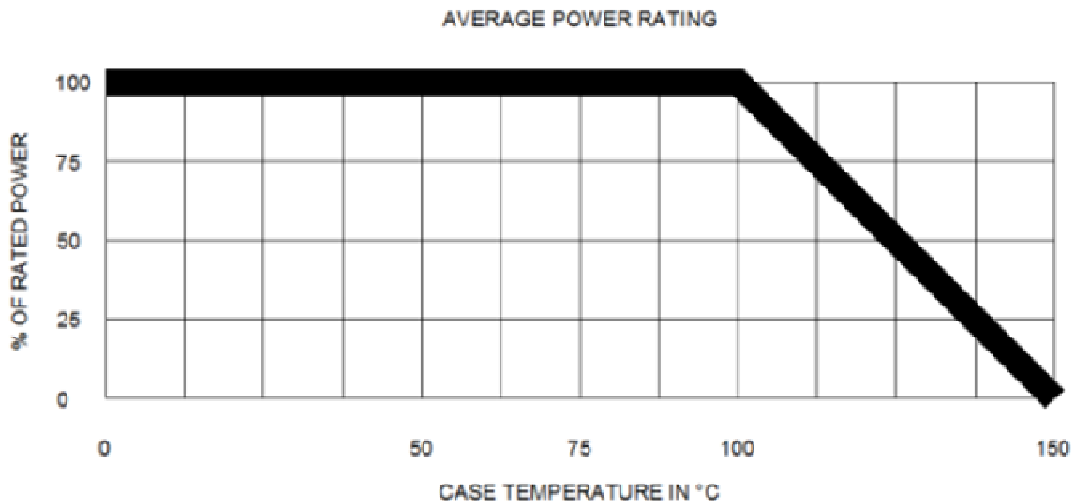


PERFORMANCE SPECIFICATIONS: POWER RATING = 10 WATTS

PART #	FREQUENCY RANGE (GHz)	VSWR (MAX) DC - 2	VSWR (MAX) 2 - 4	VSWR (MAX) 4 - 8	VSWR (MAX) 8 - 18
RFT1002-10	DC TO 2	1.10			
RFT1004-10	DC TO 4	1.10	1.15		
RFT1008-10	DC TO 8	1.10	1.15	1.20	
RFT1018-10	DC TO 18	1.10	1.15	1.20	1.35



Power rating



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Electro Technik Industries

RES-NET MICROWAVE

Capacitive Products

Arizona Capacitors, Inc.
1100 S. Plumer Avenue, Tucson, AZ 85719
tel: 520-573-0221 fax: 520-573-0520
azcapsales@electrotechnik.com
www.arizonacapacitors.com

- Wound Film Capacitors and Electronic Filters

Custom Suppression, Inc.
1100 S. Plumer Avenue, Tucson, AZ 85719
tel: 520-573-0223 fax: 520-573-0520
csisales@electrotechnik.com
www.customsuppression.com

- Broadband, Microwave, EMI, and RFI Filters, Filtered Connectors, and Assemblies

Microwave Products

Res-Net Microwave, Inc.
P.O. Box 18802, Clearwater, FL 33762
tel: 727-530-9555 fax: 727-531-8215
res_sales_service@electrotechnik.com
www.res-netmicrowave.com

- RF/Microwave Resistors, Attenuators, Terminations

Wavetronix Corp.
P.O. Box 18802, Clearwater, FL 33762
tel: 727-530-9555 fax: 727-531-8215
wave_sales_service@electrotechnik.com
www.wavetronix-eti.com

- RF/Microwave Cable Assemblies and Semi-Rigid Coaxial Cables

Resistive Products

Tepro of Florida, Inc.
P.O. Box 18802, Clearwater, FL 33762
tel: 727-796-1044 fax: 727-791-7425
tep_sales_service@electrotechnik.com
www.tepro-vamistor.com

- Wirewound and Metal Film Resistors

Vamistor
P.O. Box 1260, Clearwater, FL 33757
tel: 727-796-1044 fax: 727-791-7425
tep_sales_service@electrotechnik.com
www.tepro-vamistor.com

- Carbon Film and RL 42 Resistors

Magnetics Products

Hytronics Corp.
P.O. Box 18802, Clearwater, FL 33762
tel: 727-535-0413 fax: 727-531-1592
hy_sales_service@electrotechnik.com
www.hytronicscorp.com

- Power Transformers and Power Inductors

Raycom Electronics, Inc.
P.O. Box 250, 1 Raycom Rd.
Dover, PA 17315
tel: 717-292-3641 fax: 717 292-2919
raycomsaleservice@electrotechnik.com
www.raycomelectronics.com

- Custom Military and Avionics Magnetics

Goguen Industries

1100 S. Plumer Avenue, Tucson, AZ 85719
tel: 520-573-0221 fax: 520-573-0520
goguensales@electrotechnik.com
www.goguenindustries.com

- Specialty Inductors, Transformers, and Air Coils

Inductive Technologies, Inc. (I-Tech)
P.O. Box 18802, Clearwater, FL 33762
tel: 727-532-4459 fax: 727-531-1592
i-techsales@electrotechnik.com
www.inductech.com

- Standard Catalog Inductors and Transformers

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tel: 727-538-8917 fax: 727-531-1592
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