

BIAS TEES

Type N, 500 MHz - 2.5 GHz, 100 Volts / 7 Amps

RoHS
Compliant

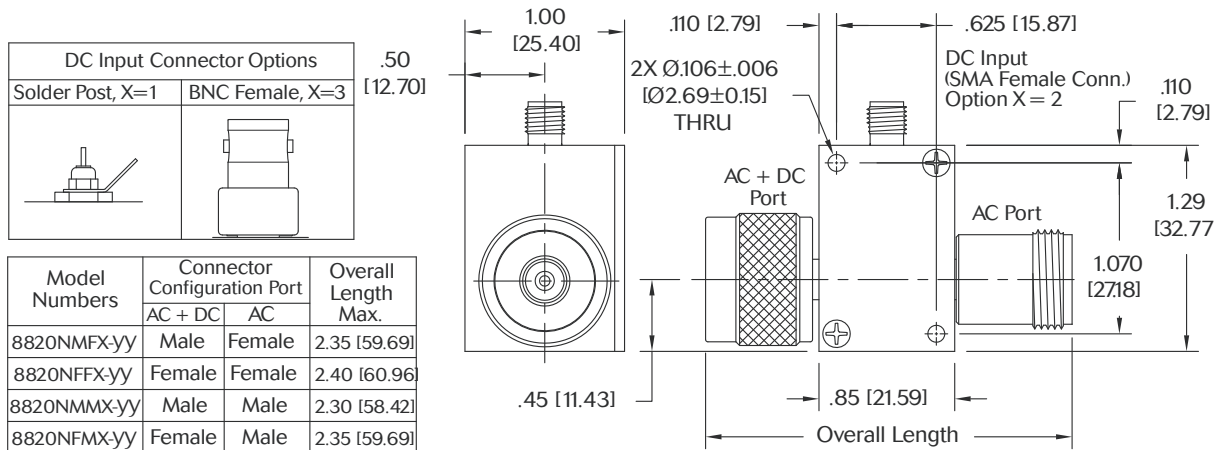
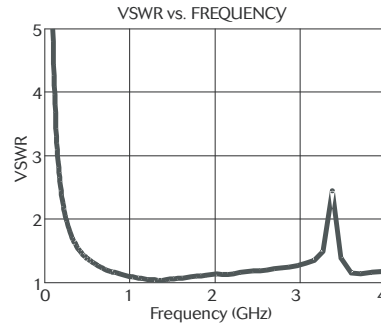
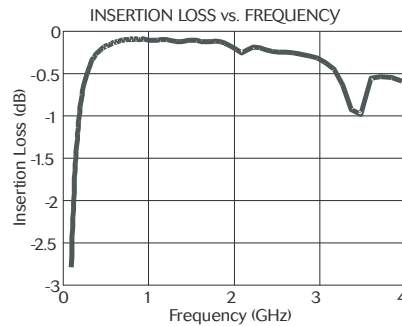
SPECIFICATIONS:

Models: 8820NMFx-02, 8820NFFx-02, 8820NMMx-02, 8820NFMx-02

Electrical:	
Frequency Range	500 MHz - 2.5 GHz
Insertion Loss	Typical _____ Maximum _____
500 MHz - 2.5 GHz	0.25 dB _____ 0.50 dB
VSWR	Typical _____ Maximum _____
500 MHz - 2.5 GHz	1.25:1 _____ 1.40:1
Isolation (RF to Bias Port)	> 20dB Typ.
3dB Bandwidth	100 MHz - 3.7 GHz
Impedance	50 Ohms
Bias-Path Resistance	0.008 Ohms Typ., 0.010 Ohms Max.
DC Voltage	100 VDC Max.
DC Current	7 Amps Max.
RF Power	50 Watts Max.
Current Rating vs Temperature	See Graph
Environmental	
Operating Temperature Range	-55°C to +105°C
Storage Temperature Range	-60°C to +90°C
Mechanical:	
Type N & SMA Connectors	Passivated Stainless Steel
Mates with MIL-STD-348	
BNC Connectors	Nickel Plated Brass
Mates with MIL-STD-348	
Conductors	Gold Plated Beryllium Copper
Body	Aluminum with Chemical Conversion Coating



Typical performance from
100 MHz - 3.7 GHz



HOW TO ORDER:

Model Number: **8820NZZX-02**

- Base Number
- DC Connector Type
 - 1 = Solder Post
 - 2 = SMA Female Conn.
 - 3 = BNC Female Conn.

Ordering Examples:

- Model Number: **8820NFF2-02**
500 MHz - 2.5 GHz, Type N Fem/Fem
SMA Female DC Connector Type
- Model Number: **8820NMF1-02**
500 MHz - 2.5 GHz, Type N Male/Fem
Solder Post DC Connector Type

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design specifications are subject to change without notice.
Contact factory for technical specifications before purchasing or use.

8820N: REV E

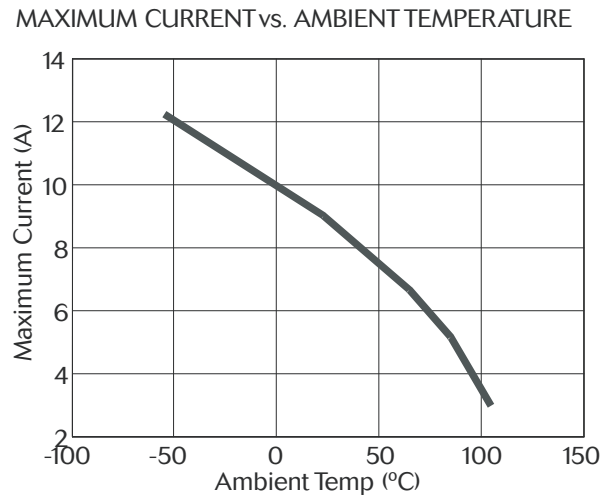
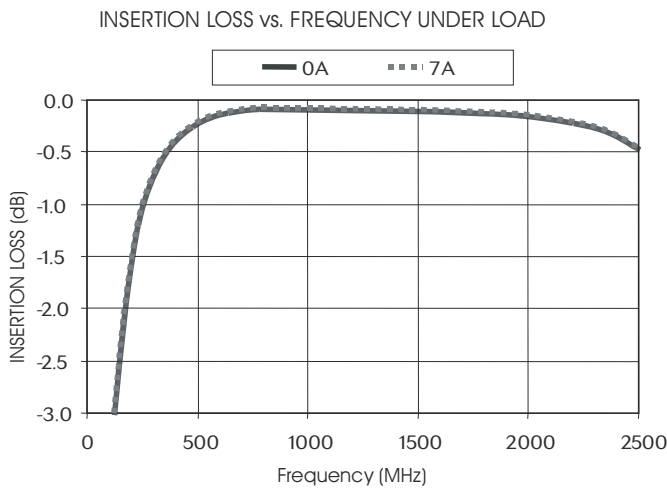
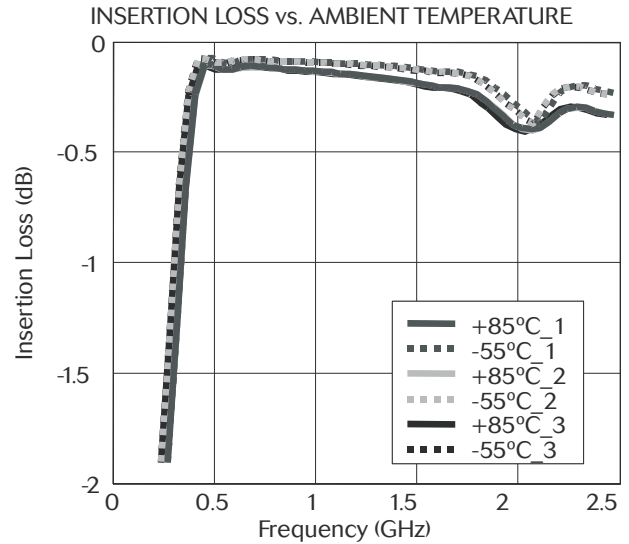
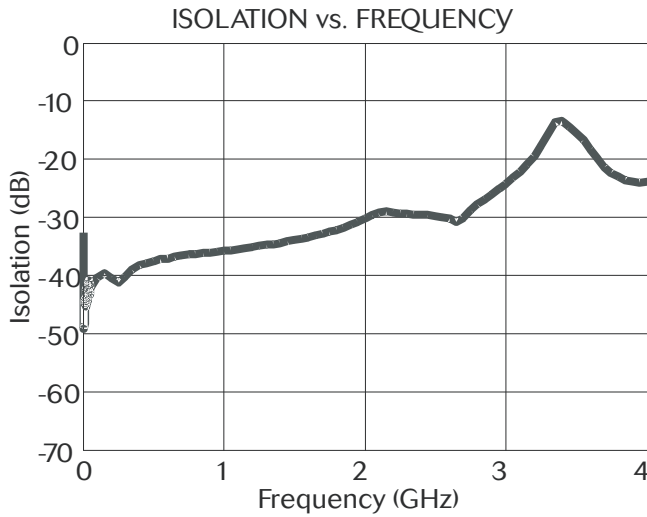


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REVISIONS			
LTR	DESCRIPTION	DATE	DCN NO.
E	SEE REVISION HISTORY	7/25/07	07-00322

ADDITIONAL INFORMATIONS



NOTE: DIMENSIONS IN BRACKETS ARE EXPRESSED IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMAL ANGULAR .XX ± .01 ± .XXX ± .005 DO NOT SCALE DRAWING	CONTRACT NO.			300 DINO DRIVE ANN ARBOR, MI 48103 TELEPHONE (734) 426-5553 FACSIMILE (734) 426-5557		
	CHECKED	DATE		TITLE: OUTLINE DRAWING, BIAS TEE, TYPE N CONNECTORS 500 MHz - 2.5 GHz, 50 OHM 8820NXXZ-YY SERIES		
	EJM	10/10/02				
	ENGINEERING	DATE				
	EA	10/11/02				
MATERIAL:	MANUFACTURING	DATE	SIZE	FSCM NO.	DWG. NO.	
FINISH	RB	10/25/02	A	64671	8820N	
	QUAL. ASSURANCE	DATE	SCALE	RELEASE DATE	SHEET 2 OF 2	
SIMILAR TO	WEIGHT (gr)	RFF				
		10/11/02				
		MARKETING				
		NH				
		10/24/02				