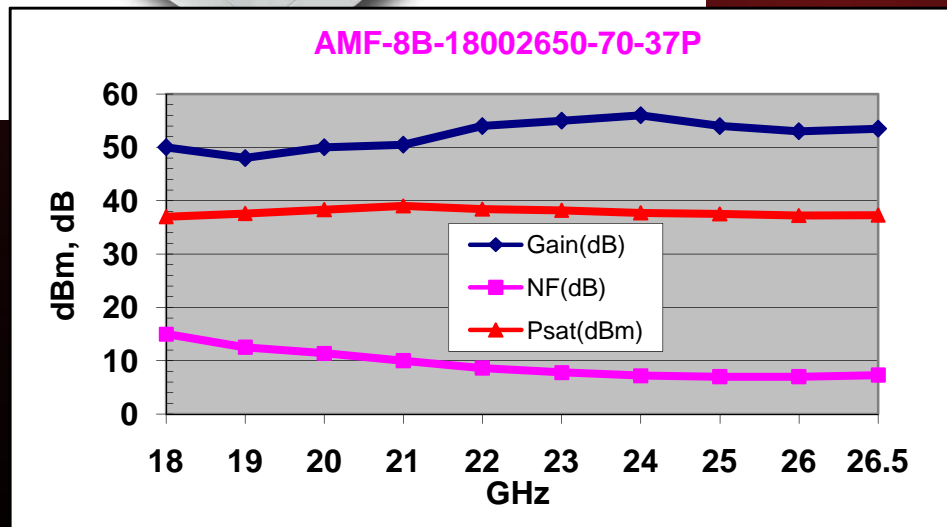


K-Band Module



- 18-26.5 GHz
- 3W P1dB Typ.
- 42 dBm IP3 Typ.
- 50 dB Gain Typ.
- 7 dB NF Typ.
- 2:1 VSWR Max
- 15V (or 48V DC)
- 7A Max
- 6W Psat Typ.
- 2.6 x 13.2 x 5 cm.



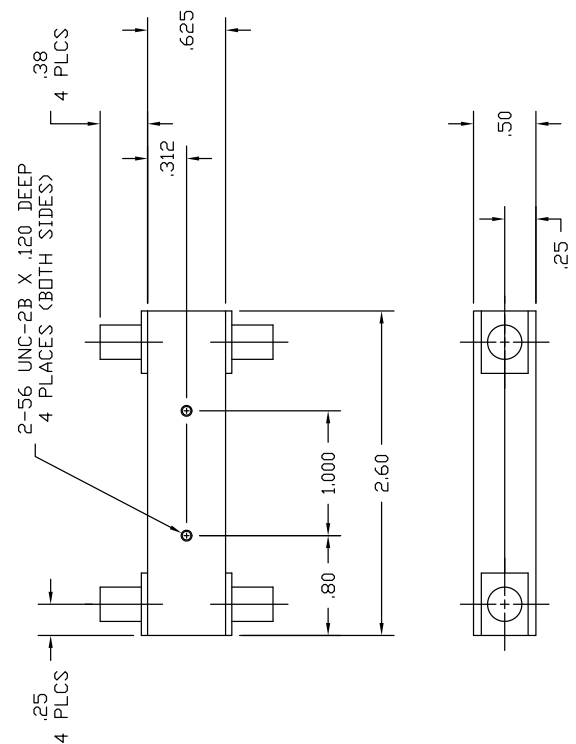
12W Ka-Band Power



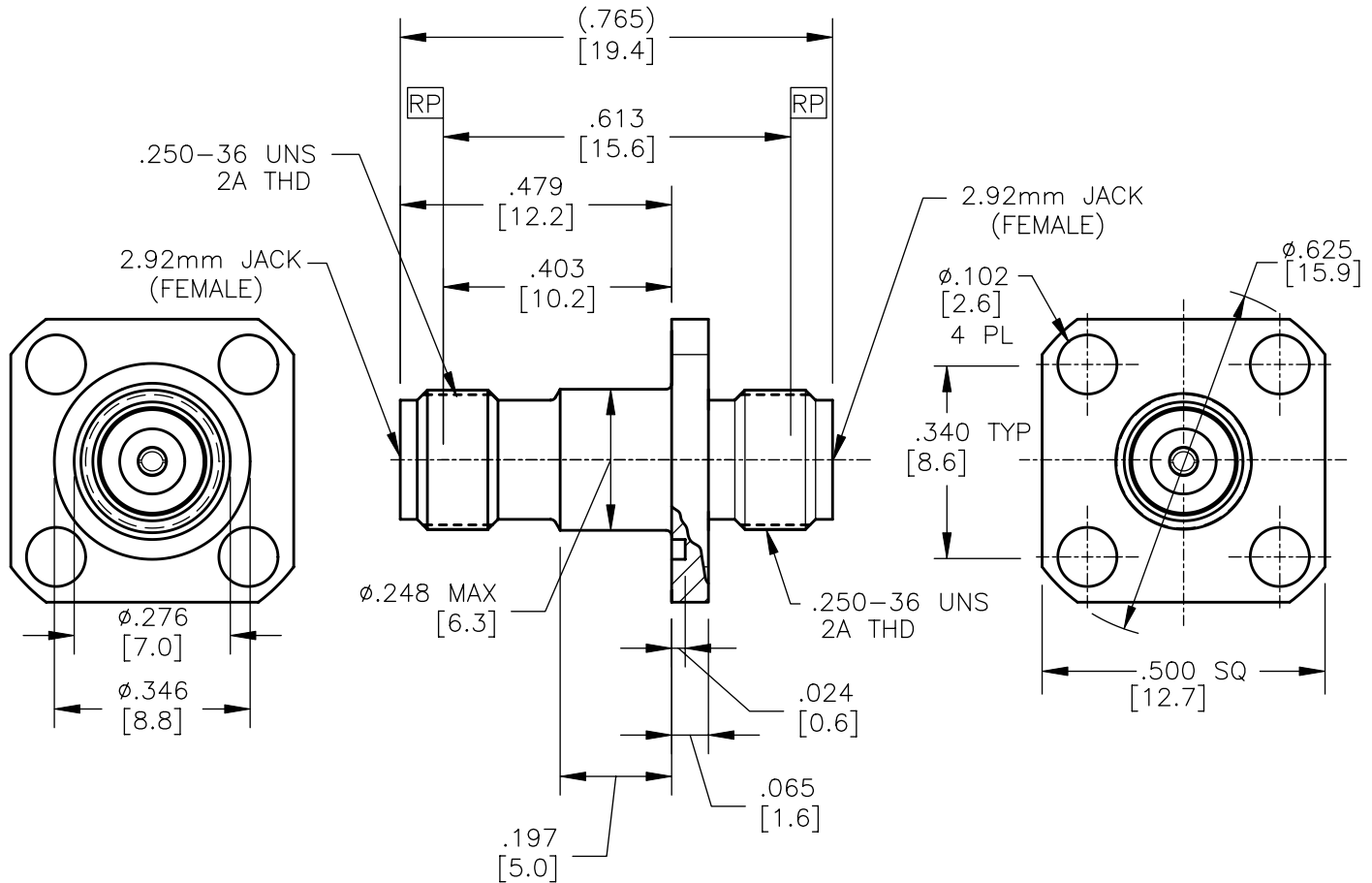
- 25.5-27.5 GHz
- 29-31 GHz
- 12W P1dB
- Coax or WG output
- Coupled sampled port
- Temp/Current warning
- Detector output
- 6.5V / 28V 48V operation
- 145W DC draw


SPECIFICATIONS

FREQUENCY RANGE	1.7-36.0 GHz
COUPLING	3 dB
AMPLITUDE IMBALANCE	± 1.7 dB
PHASE IMBALANCE	± 12 Degrees
ISOLATION	> 12 dB
MAXIMUM VSWR	1.85
INSERTION LOSS	< 4.35 dB
POWER RATING	
Average	20 W
Peak	3 KW
STANDARD CONNECTORS	2.92 Female
WEIGHT (ounces)	1.6
OPERATING TEMPERATURE	-54° to +85° C

DIMENSIONS


NOTE: Information herein is believed by Southwest Microwave, Inc. to be accurate. However, Southwest Microwave assumes no responsibility for any omissions or errors or inaccuracies for its use or for any infringements of patents or other rights of third parties that may result from its use. Data is intended for informational purpose only and does not constitute a contract of sale or any express or implied warranty, including any warranty of merchant ability or fitness for a particular purpose.




3. O-RING SEAL TO BE SUPPLIED BY CUSTOMER.
2. INTERFACE I.A.W. MIL-STD-348
1. ALL DIMENSIONS ARE IN INCHES, ALL ANGLES ARE IN DEGREES. DIMENSIONS SHOWN IN BRACKETS [XXX] ARE MILLIMETERS.

TOLERANCES ARE BASED UPON DIMENSIONS IN INCHES. METRIC DIMENSIONS ARE FOR "REFERENCE ONLY".

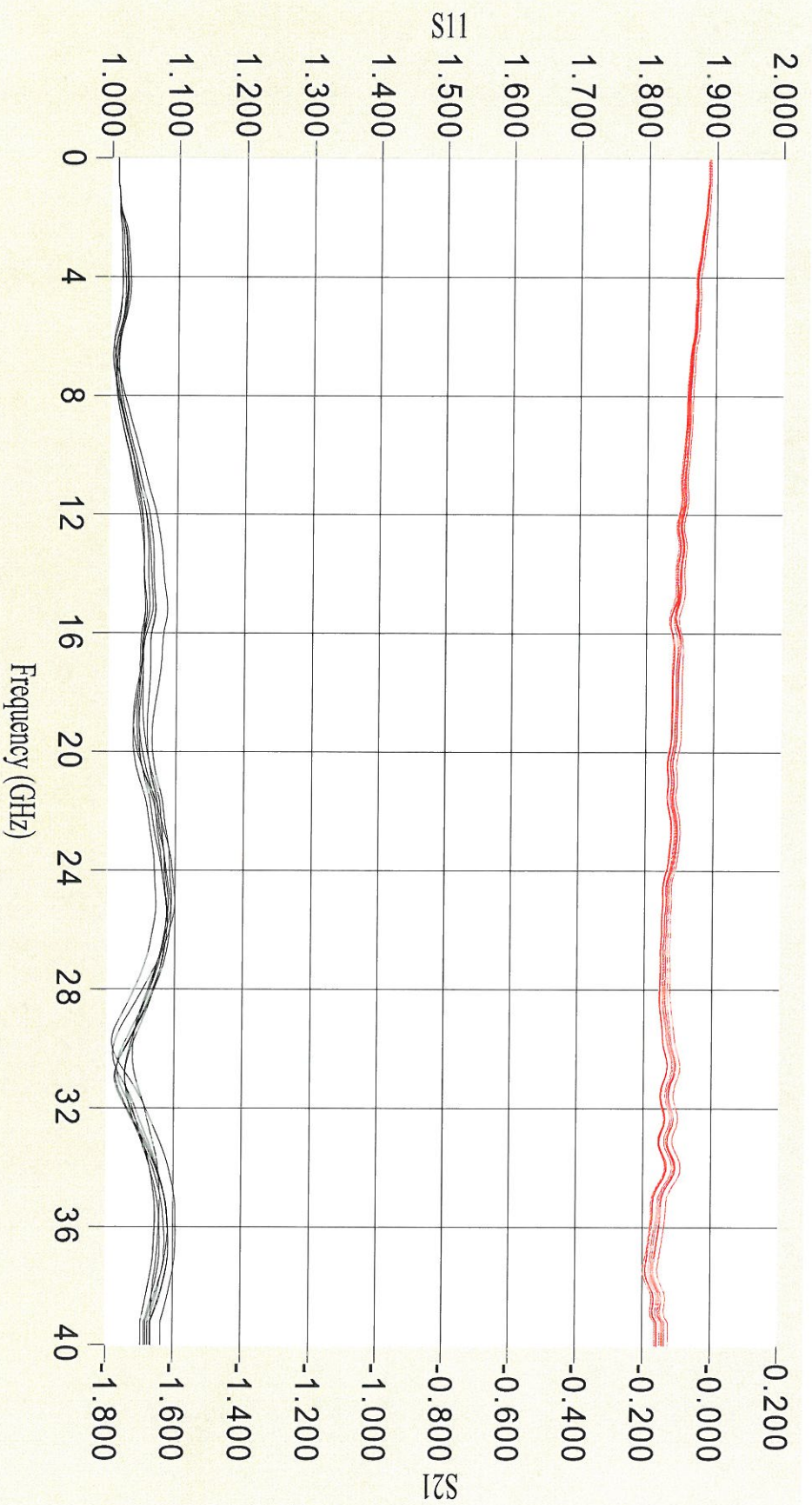
HOUSING:	STEEL, CRES ALLOY UNS-S30300 PER ASTM-A582. PASSIVATE PER ASTM-A967-99
CONTACT:	BeCu UNS-C17300 PER ASTM-B-196/197 GOLD PLATE PER MIL-G-45204
DIELECTRIC:	KEL-F PER MIL-P-46036 ULTEM 1000 PER ASTM-D-5205.
ITEM	MATERIAL & FINISH

SPECIFICATIONS	91K53655
INTERFACE	91K52019
SPECIFICATION GROUP	DRAWING NO.

NOTES: UNLESS OTHERWISE SPECIFIED

REV A	RELEASE	DATE: 6/29/06	APRVD. R.BOAK	DATE: 7/5/06	TITLE 2.92 JACK (FEMALE) TO 2.92 JACK (FEMALE) 4 HOLE 1/2 SQUARE FLANGE MOUNT ADAPTER
 Southwest Microwave, Inc. 9055 South McKerny Street Tempe, Arizona 85284-2946 Telephone (480) 783-0201 Fax (480) 783-0360					DRN BY: EJO DATE: 6/06 SCALE: 3:1 SHEET: 1 OF 1
				MODEL NO.	1032-13SF
				DWG. NO.	79K59283
					REV. A

Southwest Microwave, Inc.



Operator Dave Date 09-07-2006 @ 14:25:48 Model number: 1032-13SF QCIR:47936; Serial number 9

File name 9.dat Measurements,1,2,4,5,6,7,8,9,10,11

Notes 1032-13SF 2.92 J to J 1/2 FLG ADP QCIR 47936