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ELECTRICAL

FREQUENCY RANGE	DC - 27 GHz		
ATTENUATION ACCURACY	DC-18 GHz	18-23 GHz	23-27 GHz
3, 6 dB	+0.50 dB	+0.50 dB	+0.70 dB
8, 10 & 20 dB	+0.50 dB	+0.70 dB	+0.85 dB

VSWR	DC - 6 GHz	1.15:1 MAX
	6 - 18 GHz	1.25:1 MAX
	18 - 23 GHz	1.35:1 MAX
	23 - 27 GHz	1.45:1 MAX

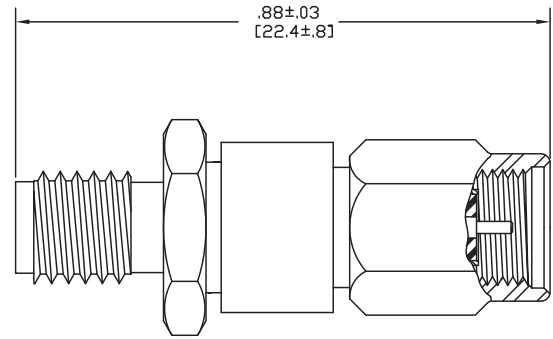
INPUT POWER	1 WATT AVG. @ 25°C
	DERATES LINEARLY TO 10% @ 125°C FROM 25°C
RF LEAKAGE/RFI	>90 dBc (>120 dBc TYP.)
PEAK POWER	100 WATTS
	(5µSec PULSE WIDTH, .05% DUTY CYCLE)
IMPEDANCE	50 OHMS
OPERATING TEMP RANGE	-65°C TO +125°C

CONFORMANCE TESTING IS 100% ATTENUATION AND V.S.W.R.
ACROSS SWEPT FREQUENCY RANGE AT 20-25°C

MECHANICAL

CONNECTOR BODIES _____ PASSIVATED STAINLESS STEEL
 CENTER CONDUCTORS _____ GOLD PLATED BERYLLIUM COPPER
 INSULATORS _____ PTFE (TEFLON) IAW ASTM-D1710
 RESISTIVE ELEMENT _____ THIN FILM ON CERAMIC RESISTIVE CIRCUIT
 NOT A HERMETIC SEALED UNIT
 RECOMMENDED CONNECTION TORQUE IS 7-8 in./Lbs. (0.8 to 0.9 Nm)

PRODUCTION RELEASE	NOTED: THIS DRAWING INCORPORATES THEIR INSIDE PROJECTION INTERNET SKV AND 1045-1982	REVISIONS		
	REV	DESCRIPTION	DATE	APPROVED
	-	RELEASE	6/2/10	T. KUHN



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DRAWING PRACTICES FOR AMET-145 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND APPLY UNLESS OTHERWISE SPECIFIED		UNLESS OTHERWISE SPECIFIED TOLERANCES ON DECIMALS INCH .03 [.76] .005" .010" [.25] .0005" .005 [.127] .0005" .0005" [.013]		DRAWN BY: SAUNDERS 01/01/2007 DATE CHECKED BY: SAUNDERS 01/01/2007 DATE		www.XMACorp.com Sales@XMACorp.com Omni Spectra® Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101	
FINISH: SEE NOTES MATERIAL: SEE NOTES		ANGLES: ±0° 30' REMOVE ALL BURRS/SHARP W/ BREAK R OF .003" TO .005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC < .003 T.I.R.		SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNISPECTRA AND SHALL NOT BE REPRODUCED, COPIED OR USED IN WHOLE OR IN PART - AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP.			
TITLE: SSM ATTENUATOR FIXED, 1 WATT		SIZE: C	CASE CODE: 3HT76	DWG NO.: 1082-6050-DB	SCALE: 8:1	PLATING AREA SQUARE INCHES: XXX	SHEET 1 OF 1