

REVISIONS				
REV	DESCRIPTION	ECD #	DATE	APPROVED
-	INITIATED NEW DRAWING	XXXX	3/7/11	T. KUHN
A	REVISED SPECS	13-241	10/9/13	T. KUHN

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE	_____ 4 - 8 GHz		
VSWR	_____		
PRIMARY	_____ 1.25:1 MAX.		
SECONDARY	_____ 1.25:1 MAX.		
INPUT PORT	_____		
AVG. POWER	_____ 50 WATTS @ 25°C		
	DERATES LINEARLY TO 10% @ 125°C		
PEAK POWER	_____ 4 k WATTS		
IMPEDANCE	_____ 50 OHMS		
COUPLING	_____ ± .75 dB		
INSERTION LOSS	_____ 6dB _____ 0.65 dB MAX.		
	10 and 20dB _____ 0.25dB MAX.		
DIRECTIVITY	_____ 20 dB MIN.		
FREQUENCY SENSITIVITY	_____ 6 dB _____ ± 0.50 dB		
	10 AND 20 dB _____ ± 0.50 dB		
OPERATING TEMP RANGE	_____ -54°C TO +125°C		

MECHANICAL

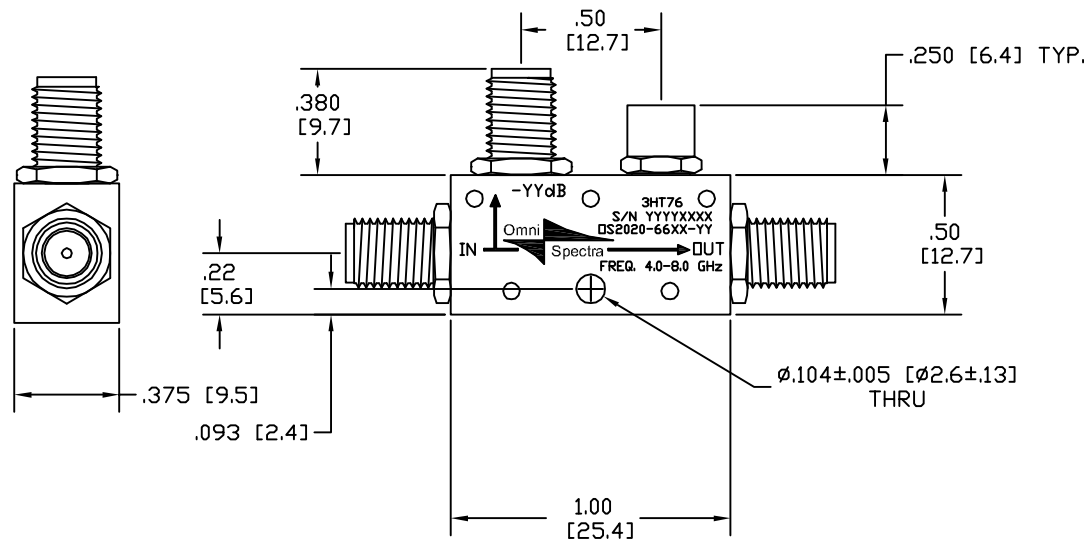
SMA CONNECTORS - FEMALE/JACK (JAW MIL-PRF-39012 & MIL-STD-348)

CONTACTS	_____ GOLD PLATED BERYLLIUM COPPER
CONNECTOR HOUSING	_____ PASSIVATED STAINLESS STEEL
CIRCUIT CASE	_____ ALUMINUM ALLOY W/ CHEMICAL CONVERSION COAT PER MIL-DTL-5541, TYPE II, CLASS 1A

ORDERING INFORMATION

P/N	COUPLING VALUE
OS2020-6616-06	_____ 6 dB
OS2020-6617-10	_____ 10 dB
OS2020-6618-20	_____ 20 dB

NOTE: FOR DFARS COMPLIANT PART, ADD "-DF" TO END OF PART NUMBER



DRAWING PRACTICES PER ANSI-Y14.5 DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING SURFACE FINISH 63 FINISH SEE NOTES SEE NOTES NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION INTERPRET LAW ANSI Y14.3-1998	UNLESS OTHERWISE SPECIFIED TOLERANCES IN DECIMALS INCH DIM .XX" .03" [.76] .XXX" .02" [.50] .XXXX" .02" [.50]	DRAWN DATE T. MAIN 3/7/11 CHECKED DATE T. KUHN 3/7/11 ENG APPR. DATE T. KUHN 3/7/11	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNI SPECTRA AND SHALL NOT BE REPRODUCED, COPIED NOR 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.
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UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.	DO NOT SCALE PRINT
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SIZE CAGE CODE C 3HT76 SCALE 3:1	DRAWING NUMBER OS2020-66XX-YY-4-8GHz SHEET 1 OF 1
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Powered by Omni Spectra Phone 603-222-2256 Fax 603-222-2259 150 Dow Street, Manchester, NH 03101	DIRECTIONAL COUPLER, 4-8GHz, SMA, 50 WATTS TITLE
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