

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC TO 6 GHz
 VSWR (MAX) _____ 1.05+.015(f)
 POWER _____ 10 WATTS (AVG)
 0.5 KILOWATTS (PEAK)
 DERATED LINEARLY FROM 100% AT +25° C TO 10 AT +125° C
 (PEAK) 5μ S PULSE W, 0.50% DUTY CYCLE

IMPEDANCE _____ 50 OHMS

MECHANICAL

OPERATING TEMP RANGE -55 TO +125°
 WEIGHT MAX. _____ 1.8oz.

MATERIAL

OUTER CONDUCTOR: STAINLESS STEEL NON MAGNETIC,
 PASSIVATED FINISH.
 CENTER CONDUCTOR: BERYLLIUM COPPER, GOLD PLATED FINISH.
 DIELECTRIC: TEFLON
 HEAT SINK: ALUMINIUM ALLOY, BLACK ANNOXIDIZED FINISH.

MATERIALS & FINISHES TYPICALLY PER MIL-PRF-39012

PRODUCTION
RELEASE

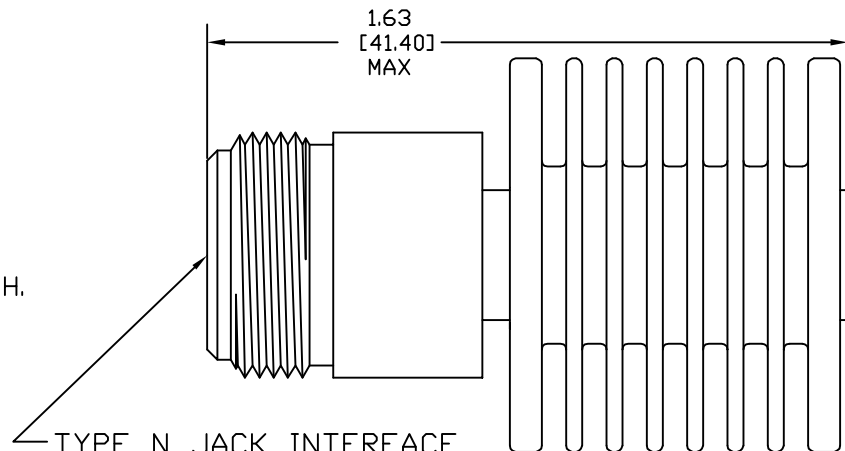
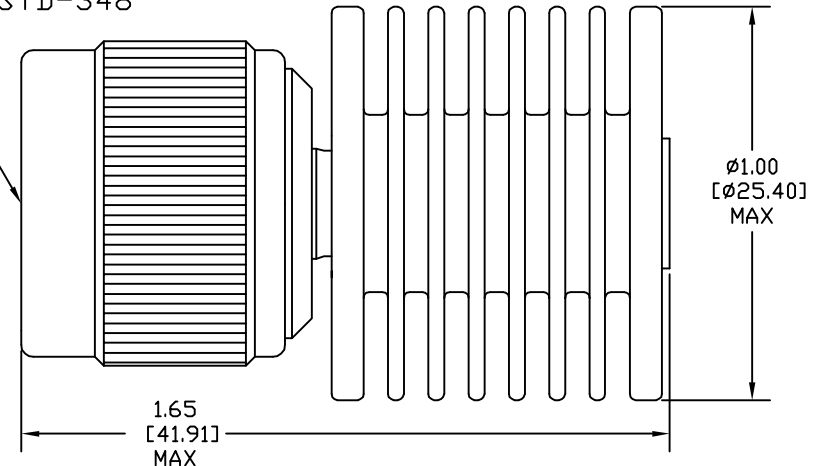
NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.
INTERPRET IN ACCORDANCE WITH
ANSI Y14.5-1995

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
E1	Corrected Part Number	11/7/11	A. Gagne

TYPE N PLUG
INTERFACE PER
MIL-STD-348

OF HEAT SINK FINS
MAY VARY WITH LOTS



TYPE N JACK INTERFACE
PER MIL-STD-348
FEMALE CONNECTOR WHEN PREFIX
CHANGED FROM 3001- TO 3002-

DRIVING PRACTICES PER ANSI Y14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED DIMENSIONS IN	INCHES	DECIMALS	INCHES	MM
			.001	.075	[1.9]
			.002	.050	[1.3]
			.003	.030	[0.76]
SURFACE ROUGHNESS					
FINISH					
SEE NOTES					
MATERIAL					
SEE NOTES					

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN	INCHES	DECIMALS	INCHES	MM
		.001	.075	[1.9]
		.002	.050	[1.3]
		.003	.030	[0.76]
SURFACE ROUGHNESS				
FINISH				
SEE NOTES				
MATERIAL				
SEE NOTES				

DATE	09/07/2010
CHECKED	DATE
ENG. D. SAUNDERS	09/10/2010
DATE	09/10/2010
DATE	09/10/2010

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XMA Omni Spectra®	
XMA Corp. 150 Dow St. Manchester, NH 03045 (603) 222-2256 fax 222-2259	
TITLE	
10 WATT TERMINATION TYPE N CONNECTOR	
SIZE	CAGE CODE
C	3HT76
SCALE	DWG NO.
4:1	3001-6130-80
PLATE GFEA COL REF. BENCH	XXX
SHEET 1 OF 1	