

SPECIFICATIONS

PRODUCTION RELEASE

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION
INTERPRET IN ACC. WITH Y145-1992

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED TO NEW FORMAT	09/09/10	D.S.S

ELECTRICAL

FREQUENCY RANGE _____ DC TO 18 GHz
 VSWR (MAX) _____ 1.05+.015(f)
 POWER _____ 5 WATTS (AVG)
 0.5 KILOWATTS (PEAK)
 DERATED LINEARLY FROM 100%
 AT +25° C TO 10% AT +125° C
 (PEAK) 5μ S PULSE W, 0.25% DUTY CYCLE

IMPEDANCE _____ 50 OHMS

MECHANICAL

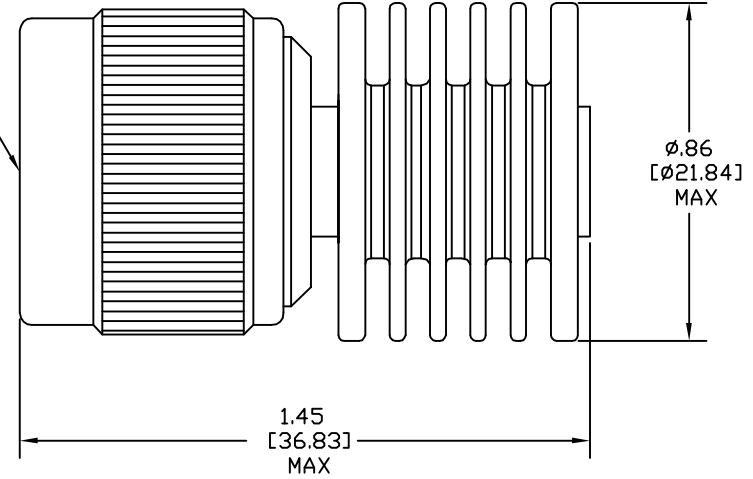
OPERATING TEMP RANGE -55 TO +125°
 WEIGHT MAX. _____ 1.6oz.

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

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-

DRAWING PRACTICES PER ASME Y-14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED DIMENSIONS IN DECIMALS INCH MM .XX .075" [1.9] .XXX .050" [1.3] .XXXX .030 [0.76]	DRAWN T. MAIN 07/28/2010 CHECKED DATE	DATE 09/09/2010
FINISH: SEE NOTES	UNLESS OTHERWISE NOTED DIA'S CONCENTRIC <.003 T.I.R.	ENG. D. SAUNDERS	DATE 09/09/2010
MATERIAL: SEE NOTES		THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. / OMN SPECTRA AND SHALL NOT BE REPRODUCED, COPIED, NOR USED, IN WHOLE OR IN PART, AS A BASIS FOR THE DESIGN, MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP. CUSTOMERS AND VENDORS MAY COPY FOR INTERNAL REVIEW USE AS WEDED	

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TITLE 5W TYPE N TERMINATION			
SIZE C	CAGE CODE 3HT76	DWG NO. 3001-6118-00	
SCALE 4:1	PLOTTED BY CD:JFF	XXX	SHEET 1 OF 1