

4

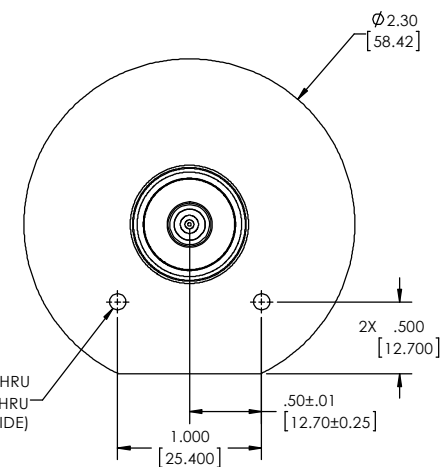
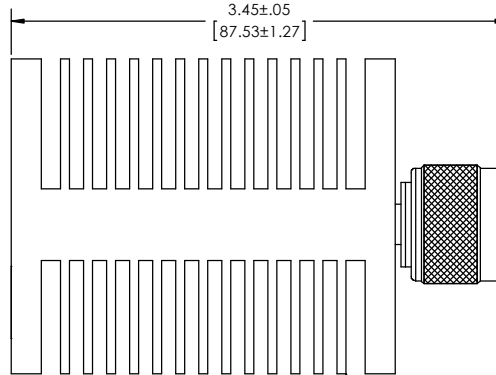
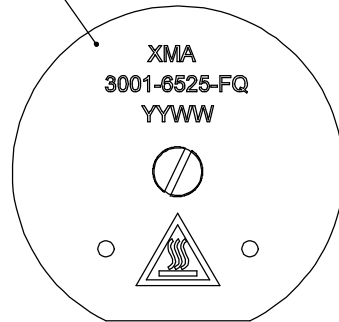
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REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
A	REDRAWN IN SOLIDWORKS	14-235	6/18/14	T.KUHN
B	CHANGED MARKING SURFACE	14-312	9/3/14	T.KUHN

MARKING AREA
SEE NOTES



QUANTITY OF HEATSINK FINS, THICKNESS AND FIN SPACING
MAY VARY WITHOUT NOTICE. BASIC SHAPE & OTHER
PARAMETERS SHALL REMAIN AS DIMENSIONED.

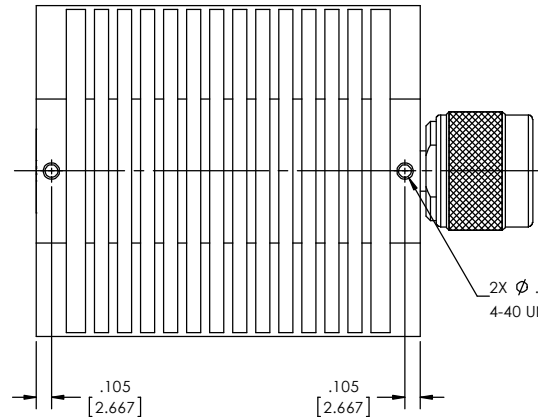
SPECIFICATIONS

ELECTRICAL	
FREQUENCY RANGE	DC-2.5, 6, 12.4 or 18GHz
VSWR	
DC - 6GHz	1.20:1 MAX
6 - 12.4GHz	1.30:1 MAX
12.4 - 18GHz	1.40:1 MAX
INPUT POWER	
25 WATTS AVG. @ 25°C	
DERATED LINEARLY TO 5 WATTS @ 125°C	
PEAK POWER	
500 WATTS	
(5 uSec PULSE, .05% DUTY CYCLE)	
IMPEDANCE	
50 OHMS	
OPERATING TEMP RANGE	
-65°C TO +125°C	

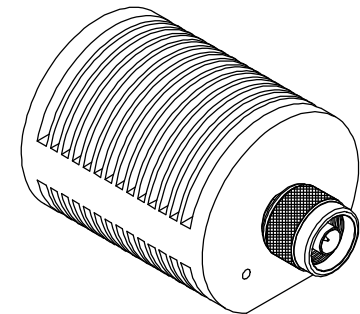
MECHANICAL	
TYPE N CONNECTORS	PASSIVATED STAINLESS STEEL
CONDUCTORS	GOLD PLATED BERYLLIUM COPPER
HOUSING	BLACK ANODIZED ALUMINUM

ORDERING INFORMATION
3001-6525-FQ, REPLACE "FQ" WITH
-02 FOR 2.5 GHz
-06 FOR 6 GHz
-12 FOR 12.4 GHz
-18 FOR 18 GHz


MARKING
PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
USE SCRIBING LASER WITH MULTI PASS FOR CHARACTERS.
WHITE/SILVER CHARACTERS ON BLACK ANODIZE ALUMINUM.
OPT - WHITE SILVER EPOXY INK.
MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE, AND
A WHITE COLOR.
"FQ" VALUE TO BE TWO DIGIT NUMBER AS SPECIFIED ON WORK
ORDER.
YYWW EQUALS DATE CODE.



2X Ø.089[2.261] ∇.349[8.865]
4-40 UNC - 1B ∇.224[5.690]



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
	3001-6525-FQ	TERMINATION, TYPE N, MALE, DC-18GHz, 25W AVG, 500 WATTS PEAK	
1	TA-3001-6525-FQU	ASSEMBLY, TERMINATION, TYPE N, MALE, DC-18GHz, 25W AVG, 500 WATTS PEAK, UNMARKED	1

DRAWN McCORMICK 6/18/14				Phone:603-222-2256 Fax:603-222-2259 150 Dow Street, Manchester, NH 03101	
CHECKED McCORMICK 6/18/14					
DATE 6/18/14					
ENG APPR. T.KUHN 6/18/14		DATE 6/18/14		TITLE TERMINATION, TYPE N, MALE, DC-18GHz, 25W AVG, 500 WATTS PEAK	
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SIZE C	CAGE CODE 3HT76	DRAWING NUMBER 3001-6525-FQ		REV B	
SCALE		PLATED AREA (sq. in.)		SHEET 1 OF 1	

DRAWING PRACTICES PER ANSI Y14.5 UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH (MM) X" .05" [1.27] .XX" .03" [.76] .XXX" .010" [.25] ANGLES ±0°30' REMOVE ALL BURRS/SHARP VV/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 I.D. DO NOT SCALE PRINT		MATERIAL: SEE NOTES NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION. INTERPRET LAW ANSI Y14.5-1982	
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XMA Omni Spectra²

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