

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC TO 18 GHz

VSWR(MAX)
DC - 18 GHz _____ 1.30:1

POWER (AVG) _____ 2 WATTS
DERATED LINERALLY TO 10% AT +125 °C

IMPEDANCE _____ 50 OHMS ±5%

MECHANICAL

OPERATING TEMP RANGE _____ -65 TO +125°C

CENTER CONTACT RETENTION _____ 3lbs AXIAL FORCE MIN

INSERTION FORCE _____ 3lbs MAX PER MIL-STD-348
(USING ϕ .0365 +.0001/- .0000 TEST PIN)

WITHDRAWAL FORCE _____ 1oz MIN PER MIL-STD-348
(USING ϕ .0355 +.0000/- .0001 TEST PIN)

MATERIAL

OUTER CONDUCTOR _____ STAINLESS STEEL IAW ASTM-A484 & ASTM A582, ALLOY 303, COND. A

CENTER CONDUCTOR _____ BERYLLIUM COPPER ALLOY C17200 OR C17300 IAW ASTM B196, COND 1/2 H

DIELECTRIC _____ PTFE (VIRGIN TEFLON) IAW ASTM-D1710-91a, TYPE 1, GRADE 1, CLASS A

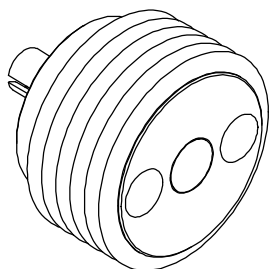
FINISHES

OUTER CONDUCTOR _____ NICKEL PLATE PER QQ-N-290, CLASS 2, .000100/.000150 THICK OVER COPPER FLASH PER MIL-C-14550.

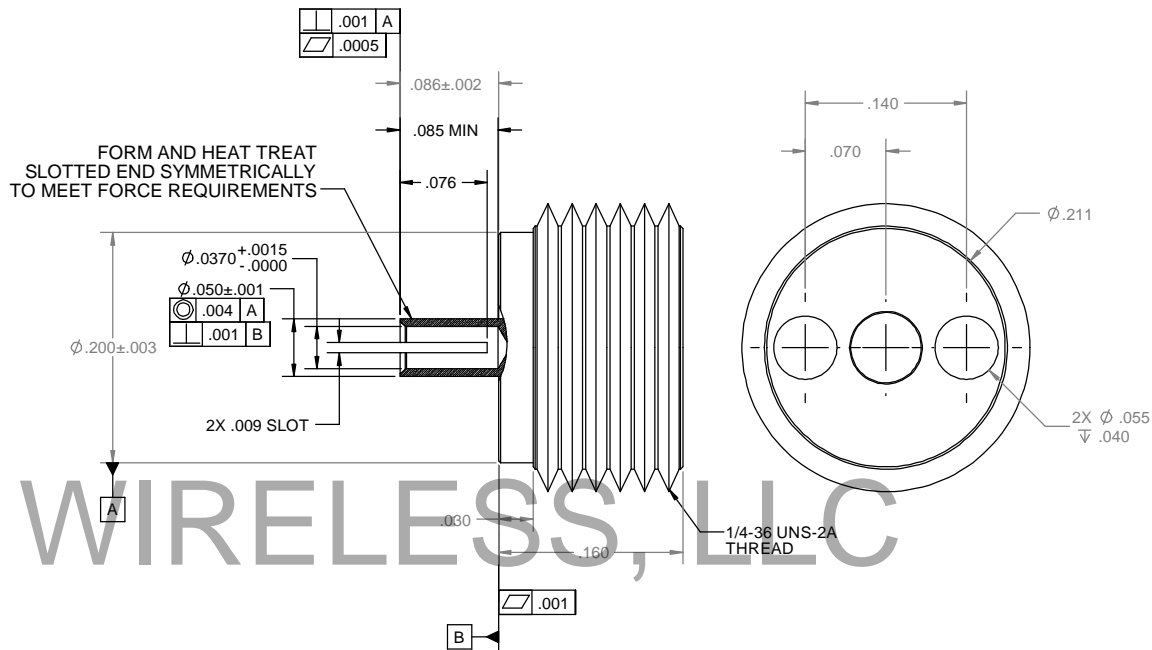
CENTER CONDUCTOR _____ GOLD PLATE PER ASTM-B488 OR MIL-G-45204, TYPE II, GRADE C, CLASS 2, OVER ELECTROLESS NICKEL PLATE PER MIL-C-26074, CLASS 1, .000050 MIN THK.

MARKING

PART IS UNMARKED



REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIAL RELEASE	17-174	11/13/17	T.KUHN



PRECISION WIRELESS, LLC

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	9501-5005-10	TERMINATION, THREAD-IN, 2W	
1	TA-9501-5005-10U	ASSY, TERMINATION, THREAD-IN, 2W, UNMARKED	1

<small>DRAWING PRACTICES PER ANSI Y14.5 DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING</small> SURFACE FINISH: 63 FINISH: SEE NOTES MATERIAL: SEE NOTES NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION. <small>INTERPRET IAW ANSI Y14.5-1982</small>	<small>UNLESS OTHERWISE SPECIFIED TOLERANCES IN:</small> DECIMALS INCH (MM) .X" .05" [1.27] .XX" .03" [.76] .XXX" .01" [.25] ANGLES ±0°30' REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.F. DO NOT SCALE PRINT	DRAWN DATE MCCORMICK 5/3/17 CHECKED DATE MCCORMICK 5/3/17 ENG APPR. DATE T.KUHN 5/3/17 <small>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.</small>
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Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03103 TITLE			
TERMINATION, THREAD-IN, 2W			
SIZE	CAGE CODE	DRAWING NUMBER	REV
C	3HT76	9501-5005-10	-
SCALE	PLATED AREA 50 IN	SHEET 1 OF 1	