

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ 10MHz - 50GHz

VSWR
10MHz - 50 GHz _____ <1.65:1

INSERTION LOSS
10MHz - 40GHz _____ 1 dB MAX
40GHz - 50GHz _____ 1.25 dB MAX

VOLTAGE _____ 100 VOLTS MAX

IMPEDANCE _____ 50 OHMS

OPERATING TEMP RANGE _____ -35°C TO +85°C

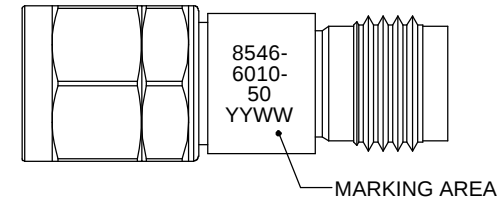
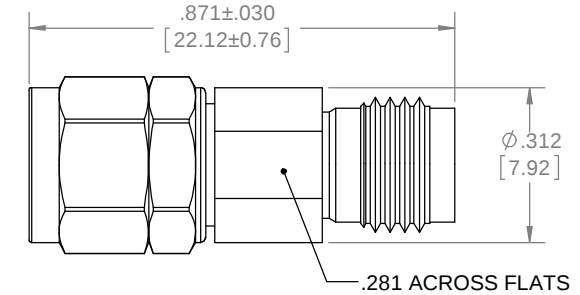
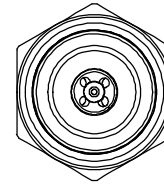
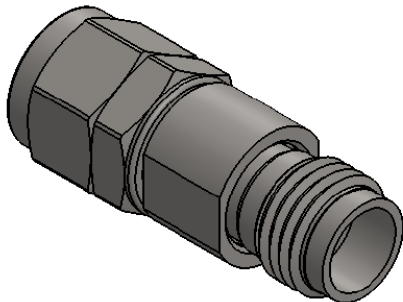
MECHANICAL

CENTER CONDUCTOR _____ BERYLLIUM COPPER
GOLD PLATE IAW MIL-PRF-39012

HOUSING _____ STAINLESS STEEL PER
ASTM A484 & A582, CLASS
303, COND. A. PASSIVATED
PER ASTM A380

DIELECTRIC _____ TEFLON
MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE.
YYWW EQUALS DATE CODE.



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	8546-6010-50	DC BLOCK, 2.4mm-m/f, 10MHz-50GHz, 100V	
1	TA-8546-6010-50U	ASSEMBLY, DC BLOCK, 2.4mm-m/f, 10MHz-50GHz, 100V, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN:	DRAWN MCCORMICK	DATE 1/20/15
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	DECIMALS INCH [MM]	CHECKED MCCORMICK	DATE 1/20/15
SURFACE ROUGHNESS μINCHES 63	.X" .05" [1.27] .XX" .03" [.76] .XXX" .010" [.25]	ENG. APPR. T.KUHN	DATE 1/20/15
FINISH:	ANGLES ±0°30'	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.	
SEE NOTES	REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005"		
MATERIAL:	UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.		
SEE NOTES			
NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.	DO NOT SCALE PRINT		
INTERPRET IAW ANSI Y14.5-1982			

DRAWN MCCORMICK	DATE 1/20/15
CHECKED MCCORMICK	DATE 1/20/15
ENG. APPR. T.KUHN	DATE 1/20/15



Phone: 603-222-2256 Fax: 603-222-2259
150 Dow Street, Manchester, NH 03101

DC BLOCK, 2.4mm-m/f, 10MHz-50GHz, 100V

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	8546-6010-50	A
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	