

## SPECIFICATIONS

## ELECTRICAL

FREQUENCY RANGE \_\_\_\_\_ 10MHz - 65GHz

VSWR  
10MHz - 65 GHz \_\_\_\_\_ <1.80:1 (GOAL)

## INSERTION LOSS

10MHz - 40GHz \_\_\_\_\_ 1.00 dB MAX (GOAL)  
40GHz - 50GHz \_\_\_\_\_ 1.25 dB MAX (GOAL)  
50GHz - 65GHz \_\_\_\_\_ 1.50 dB MAX (GOAL)

VOLTAGE \_\_\_\_\_ 16 VOLTS MAX (INNER ONLY)

IMPEDANCE \_\_\_\_\_ 50 OHMS

OPERATING TEMP RANGE \_\_\_\_\_ -35°C TO +85°C

## MECHANICAL

CENTER CONDUCTOR \_\_\_\_\_ BERYLLIUM COPPER  
GOLD PLATE IAW MIL-PRF-39012HOUSING \_\_\_\_\_ STAINLESS STEEL PER  
ASTM A484 & A582, CLASS 303, COND. A.  
PASSIVATED PER ASTM A380

DIELECTRIC \_\_\_\_\_ TEFLON

WEIGHT \_\_\_\_\_ TBD

RoHS COMPLIANT DEVICE

## MARKING

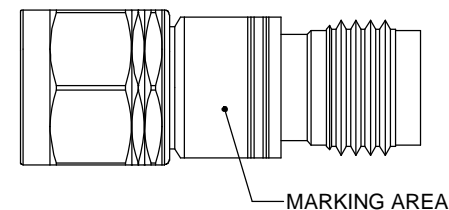
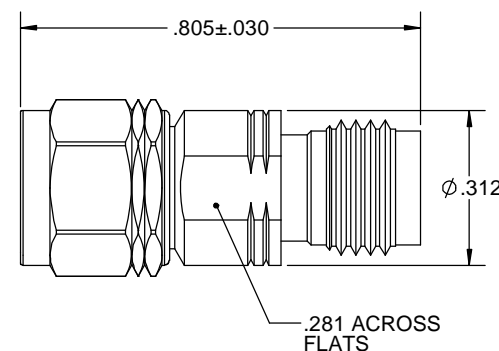
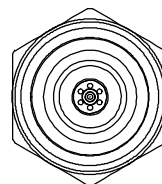
PART LOOKS LIKE PRODUCT IMAGE SHOWN.  
PART MARKING ORIENTATION AND FORMAT AS SHOWN.  
MARKING TO BE AS LARGE AS POSSIBLE BE, CLEAR, READABLE.  
YYWW EQUALS DATE CODE

## PACKING

PACKING CODE = BI  
THE ITEM SHALL BE INDIVIDUALLY BUBBLE-BAGGED AND PLACED  
IN A LARGER BAG.  
EACH LARGER BAG SHALL BE MARKED WITH A LABEL INCLUDING  
THE FOLLOWING:MINI-CIRCUITS PART NUMBER (TBD)  
MINI-CIRCUITS DRAWING NUMBER (TBD)  
QUANTITY  
MINI-CIRCUITS PURCHASE ORDER NUMBER (SEE WORK ORDER)  
ECCN# IF OTHER THAN EAR99 (N/A AS PART IS EAR99)  
NO XMA LOGO OR MARKING ON PARTS OR LABELS

## REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
X1	PRELIMINARY RELEASE	18-NP005	3/5/18	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	6546-6010-65	DC BLOCK, 1.85mm-m/f, 10MHz-65GHz, 16V	
1	TA-6546-6010-65U	ASSEMBLY, DC BLOCK, 1.85mm-m/f, 10MHz-65GHz, 16V, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5  
MIL-STD-100 & 1000DIMENSIONS ARE IN INCHES AND  
APPLY BEFORE / AFTER PROCESSINGSURFACE  
ROUGHNESS

63

FINISH:

SEE NOTE

MATERIAL:

SEE NOTE

NOTE:  
THIS DRAWING INCORPORATES  
THIRD ANGLE PROJECTION.

INTERPRET IAW ANSI Y14.5-1982

UNLESS OTHERWISE SPECIFIED

TOLERANCES IN:

DECIMALS	INCH	[MM]
.X"	.03"	[.76]
.XX"	.010"	[.25]
.XXX"	.005	[.127]
.XXXX"	.0005"	[.013]

ANGLES ±0°30'

REMOVE ALL BURRS/SHARP W/  
BREAK / R OF .003" TO .0005"  
UNLESS OTHERWISE NOTED  
DIAS CONCENTRIC <.003 T.I.R.

DO NOT SCALE PRINT

DRAWN DATE

MCCORMICK 3/5/18

CHECKED DATE

MCCORMICK 3/5/18

ENG. APPR. DATE

T.KUHN 3/5/18

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MANUFACTURE OR SALE OF OTHER  
ITEMS WITHOUT THE EXPRESS  
WRITTEN PERMISSION OF XMA CORP.Phone: 603-222-2256 Fax: 603-222-2259  
7 Perimeter Road, Manchester, NH 03103

TITLE

DC BLOCK, 1.85mm-m/f, 10MHz-65GHz, 16V

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	6546-6010-65	X1
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	