

ELECTRICAL

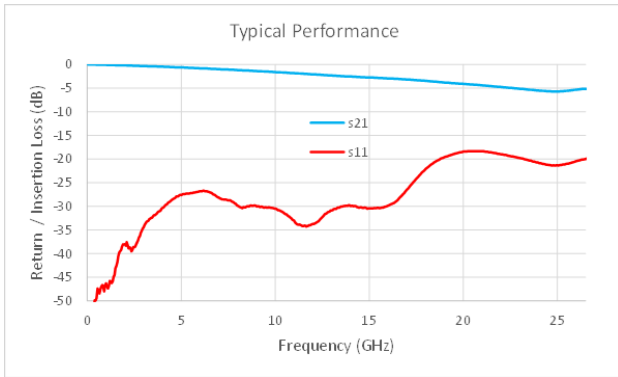
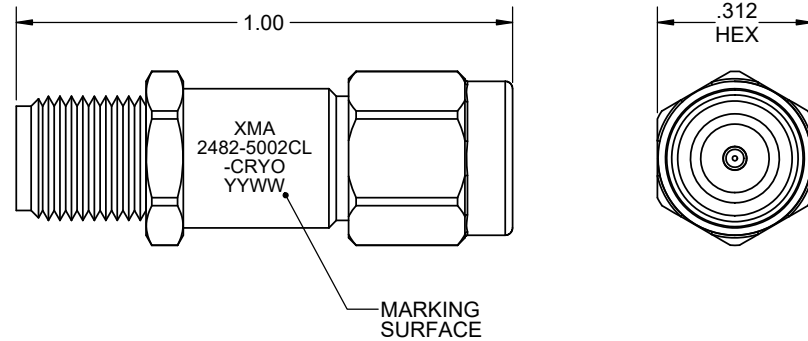
FREQUENCY RANGE _____ DC - 10 GHz
 INSERTION LOSS _____ 1.3±0.4 dB @ 8 GHz
 RETURN LOSS _____ -20 dB

MECHANICAL

CONNECTOR BODIES _____ BeCu
 CENTER CONDUCTORS _____ GOLD PLATED BeCu
 INSULATORS _____ PTFE (TEFLON) IAW ASTM-D1710

MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
 PART MARKING ORIENTATION AND FORMAT AS SHOWN.
 REPLACE FQ WITH APPROPRIATE TWO DIGIT FREQUENCY VALUE.
 MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE.
 YYWW EQUALS DATE CODE.



REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIAL RELEASE	25-082	8/11/25	JIM W

QTY	PART NUMBER	DESCRIPTION	ITEM NO.
X	2482-5002CL-CRYO	IR FILTER, SMA-m/f, HIGH FREQUENCY	
-	TA-2482-5002CU-CRYO	ASSEMBLY, IR FILTER, SMA-m/f, HIGH FREQUENCY, UNMARKED	

DRAWING PRACTICES PER ANSI-Y-14.5
 MIL-STD-100 & 1000
 DIMENSIONS ARE IN INCHES AND
 APPLY BEFORE / AFTER PROCESSING
 SURFACE
 ROUGHNESS μ INCHES 63
 FINISH:
 SEE NOTES
 MATERIAL:
 SEE NOTES
 NOTE:
 THIS DRAWING INCORPORATES
 THIRD ANGLE PROJECTION.

 INTERPRET IAW ANSI Y14.5-1982

UNLESS OTHERWISE SPECIFIED
 TOLERANCES IN:
 DECIMALS INCH (MM)
 .X" .05" [1.27]
 .XX" .03" [.76]
 .XXX" .010" [.25]
 ANGLES $\pm 0^{\circ}30'$
 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 3/29/22
 CHECKED DATE
 MCCORMICK 3/29/22
 ENG. APPR. DATE
 JIM W 3/29/22
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XMA POWERED BY
Omni Spectra
 AN Amphenol COMPANY
 Phone: 603-222-2256 Fax: 603-222-2259
 7 Perimeter Road, Manchester, NH 03103

TITLE
IR FILTER, SMA-m/f, HIGH FREQUENCY

SIZE B	CAGE CODE 3HT76	DRAWING NUMBER 2482-5002CL-CRYO	REV -
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	