

ELECTRICAL

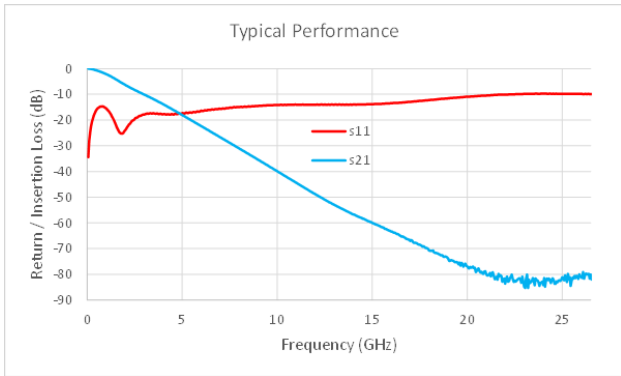
FREQUENCY RANGE_____DC - 1.0 GHz
INSERTION LOSS_____1.2±0.4 dB @ 700 MHz
RETURN LOSS_____ -12 dB

MECHANICAL

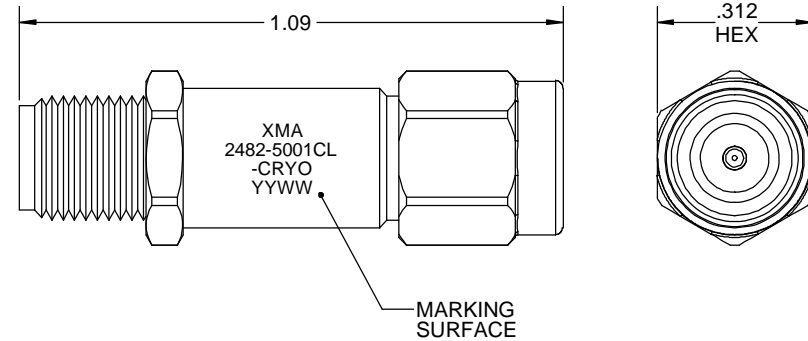
CONNECTOR BODIES_____BeCu
CENTER CONDUCTORS_____GOLD PLATED BeCu
INSULATORS_____PTFE (TEFLON) IAW ASTM-D1710

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 |
| X2 | REVISED ELECTRICAL SPECS | 20-NP038 | 4/24/23 | JIM W |
| X3 | REMOVED ROHS | 20-NP038 | 6/27/23 | CM |
| X4 | ADDED GRAPH | 20-NP038 | 6/30/23 | JIM W |
| X5 | REMOVED CONN MIL SPECS | 20-NP038 | 7/19/23 | JIM W |




| QTY | PART NUMBER | DESCRIPTION | ITEM NO. |
|-----|---------------------|---|----------|
| X | 2482-5001CL-CRYO | IR FILTER, SMA-m/f, LOW FREQUENCY | |
| - | TA-2482-5001CU-CRYO | ASSEMBLY, IR FILTER, SMA-m/f, LOW FREQUENCY, UNMARKED | |

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| 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 MCCORMICK | DATE 3/29/22 |
| CHECKED MCCORMICK | DATE 3/29/22 |
| ENG. APPR. JIM W | DATE 3/29/22 |
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|  Phone: 603-222-2256 Fax: 603-222-2259 7 Perimeter Road, Manchester, NH 03103 | | | |
| TITLE IR FILTER, SMA-m/f, LOW FREQUENCY | | | |
| SIZE B | CAGE CODE 3HT76 | DRAWING NUMBER 2482-5001CL-CRYO | REV X5 |
| SCALE | PLATED AREA SQ. IN | SHEET 1 OF 1 | |