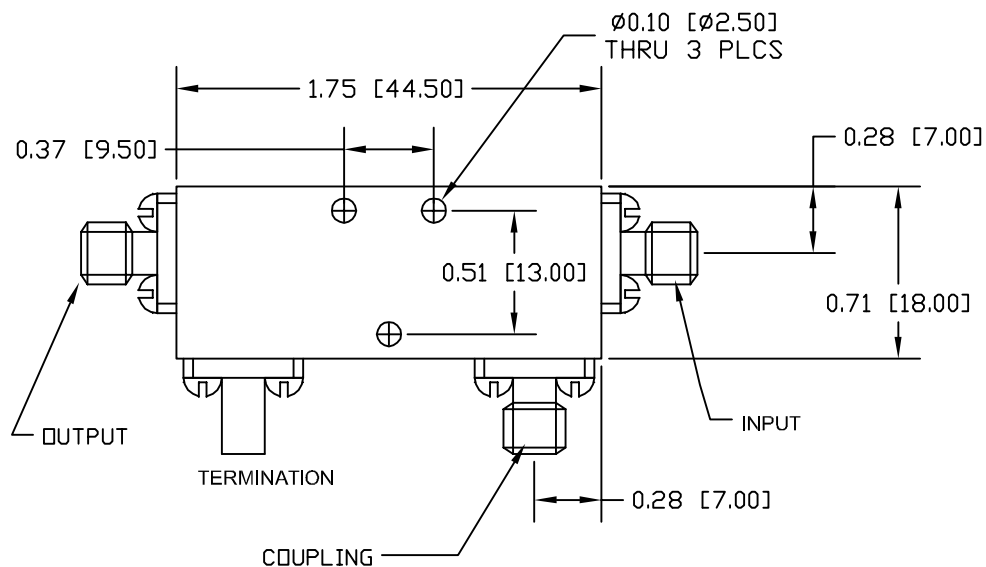


REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
-	RELEASE		10/26/12	T. KUHN

FREQUENCY	2-18 GHz
COUPLING	6, 10, 15, 20 +/- 1.50 dB 30 +/- 1.75 dB
FREQUENCY SENSITIVITY	+/- 1.0 dB
DIRECTIVITY	13 dB Min @ 2-12.4 GHz 10 dB Min @ 12.4 -18 GHz
INSERTION LOSS	1.2 dB MAX
VSWR	1.50:1 MAX
INPUT POWER	50 WATT AVG 500 WATT PEAK
IMPEDANCE	50 OHMS
TEMP. RANGE	-25 TO +65°C
FINISH	PAINTED BLACK

DRAWING PRACTICES PER ANSI-Y14.5
MIL-STD-100 & 1000
DIMENSIONS ARE IN INCHES AND
APPLY BEFORE/AFTER PROCESSING

SURFACE
ROUGHNESS
INCHES 63 ✓

FINISH
SEE NOTES

MATERIAL
SEE NOTES

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.

INTERPRET JAW ANSI Y14.5-1982

UNLESS OTHERWISE SPECIFIED
TOLERANCES IN:
DECIMALS INCH DWG

.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
V. SHELBY 10/26/12
CHECKED DATE
T. KUHN 10/26/12
ENG APPR. DATE
T. KUHN 10/26/12

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XMA Powered by:
Omni Spectra®
Phone: 603-222-2256 Fax: 603-222-2259
150 Dow Street, Manchester, NH 03101
TITLE

DIRECTIONAL COUPLER

SIZE B	CAGE CODE 3HT76	DRAWING NUMBER XMADC50-2-18-XXS	REV -
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SCALE 2:1 P. ATTN: APER. SQ. IN XXX SHEET 1 OF 1

TEMPLATE REV -