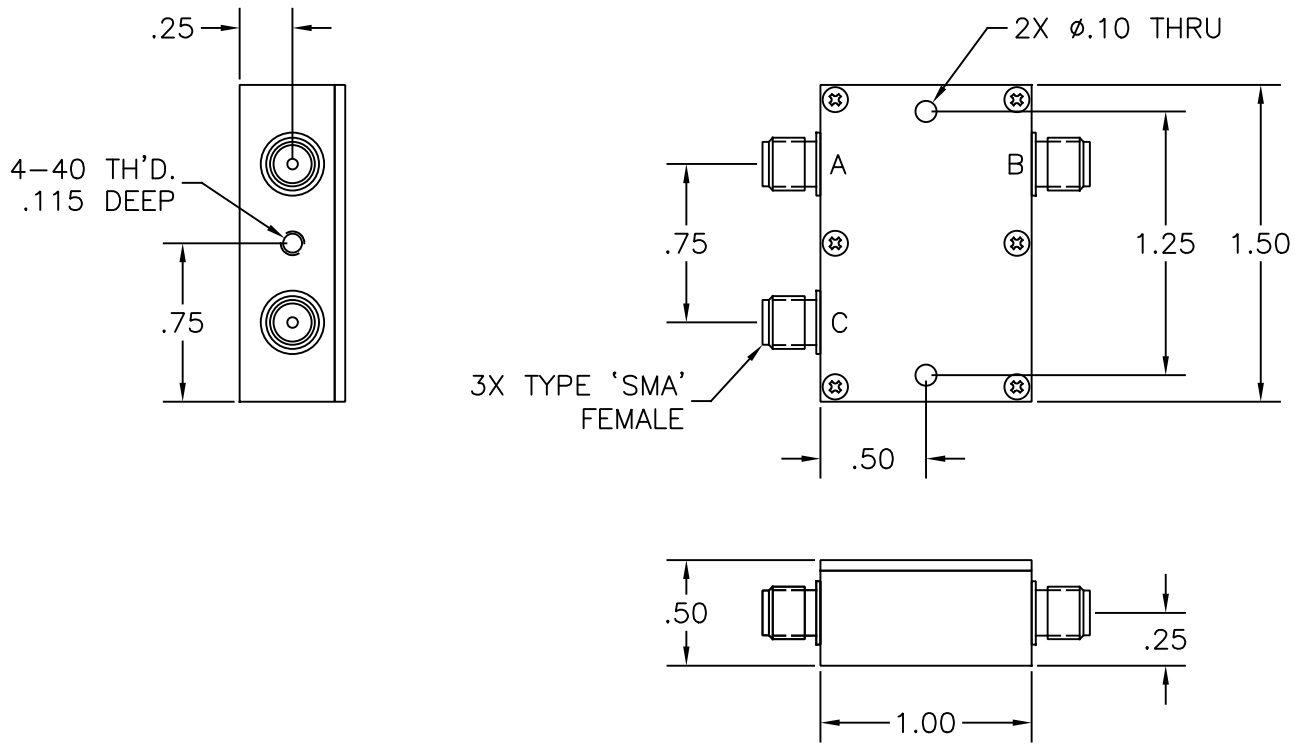


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REVISION			
LTR.	DESCRIPTION	DATE	APPVL.
-	PRELIM	-	-



ELECTRICAL SPECIFICATION DIRECTIONAL COUPLER	
FREQUENCY RANGE (MHZ)	950-2150
COUPLING (dB) NOM.	6
COUPLING TOL. (dB) MAX.	±1.2
COUPLING VARIATION (dB) MAX.	±1.2
INSERTION LOSS (dB) MAX.	0.75
DIRECTIVITY (dB) MAX.	15
VSWR IN	1.4:1
VSWR OUT	1.4:1
VSWR COUPLED	1.6:1
IMPEDANCE (OHMS) NOM.	50
TEMPERATURE RANGE (°C)	0 TO +50

NOTE: INSERTION LOSS DOES NOT INCLUDE THEORETICAL COUPLING LOSS.

PORT	DESIG.
A	INPUT
B	OUTPUT
C	COUPLED

**RoHS
Compliant**

<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS MEASURED IN INCHES DRAWING PRACTICES PER ASME Y14.100</p> <p>TOLERANCES ANGLES ±1/2° .XX ±.01 .XXX ±.005</p> <p>MATERIAL: SEE NOTE 1</p> <p>FINISH: SEE NOTE 2</p>	<p>DRAWN DATE MJD 3/9/20</p>
	<p>ENGRG APPD DATE</p>
	<p>MFG APPD DATE</p>
	<p>QA APPD DATE</p>
	<p>RELEASED DATE</p>

IFE ENGINEERING
3 FOSHAY ROAD, DUDLEY MA 01571

TITLE
OUTLINE DRAWING
C3-6-LB3-S

SIZE A	CODE IDENT NO. OUF A1	DRAWING NO. 110-296-181	REV. -
SCALE 1:1	SHEET 1 OF 1		

- NOTES:
1. MATERIAL: CHASSIS & COVER ALUMINUM
 2. FINISH: CLEAR CHROMATE
 3. SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE