

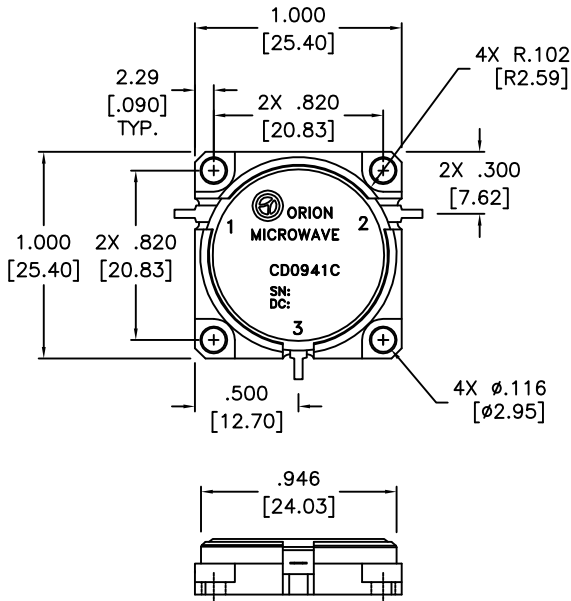
ORION MICROWAVE  
PROPRIETARY INFORMATION

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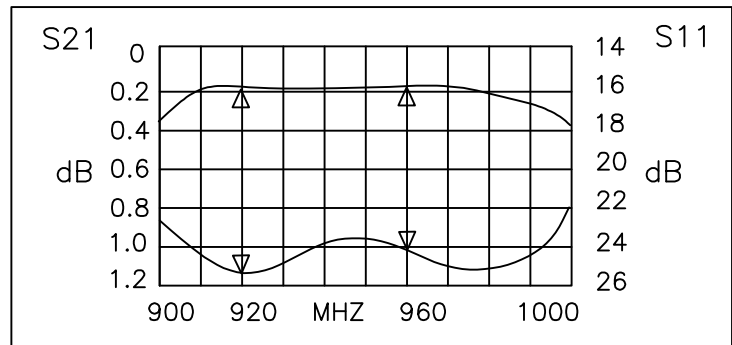
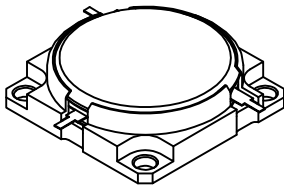
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/22/07	L.T.



**ELECTRIAL SPECIFICATIONS:**

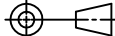
FREQUENCY RANGE:	920 TO 960 MHz
INSERTION LOSS:	0.20 dB (TYP); 0.30 dB MAX.
ISOLATION:	23 dB (TYP); 20 dB MIN.
RETURN LOSS (VSWR):	23 dB (1.15:1) TYP; 20 dB (1.20:1)
OPERATING TEMPERATURE:	-20° TO +85°C
POWER RATING PEAK:	1000 WATTS
FORWARD AVE:	200 WATTS
REVERSE AVE:	200 WATTS



UNLESS OTHERWISE SPECIFIED

- \* INTERPRET DRAWING IAW ASME Y14.100-2000
- \* DIMENSIONING & TOLERANCING IAW ASME Y14.5-1994
- \* PARENTHEetical INFORMATION FOR REFERENCE ONLY
- \* DIMENSIONAL LIMITS APPLY BEFORE PROCESSES
- \* DIMENSIONS ARE IN INCHES [MILLIMETERS]:
- \* TOLERANCES ARE: ANGLES  $\pm 1.0^\circ$
- 2 PLACE DECIMAL  $\pm .01$  [ $\pm .25$ ]
- 3 PLACE DECIMAL  $\pm .005$  [ $\pm .13$ ]
- \* SURFACE FINISH  $\sqrt{63}$
- \* REMOVE ALL BURRS AND SHARP EDGES .010 [.25] RAD MAX.
- \* CONCENTRICITY MACHINED DIA: .002 [.05] FIM
- \* MACHINED TOOL MISMATCH .002 [.05] MAX.

THIRD ANGLE PROJECTION



APPROVALS	DATE
DESIGNER <i>A. McTran</i>	05/11/07
ENGINEER <i>A. McTran</i>	05/13/07
MFG. ENGR.	
Q.A. <i>L. TRAN</i>	05/14/07
PROG. MGMT/MKT <i>KT.N</i>	05/15/07



OUTLINE, CD0941C  
DROP IN CIRCULATOR

SIZE	CAGE NO.	DWG NO.	REV.
A	51RH9	150-0065-001	A

SCALE: 1/1 SHEET 1 OF 1

DO NOT SCALE DRAWING