



REVISIONS	
LTR	DESCRIPTION
D	REF EGN 06-36
E	REF EGN 20-091
F	REF EGN 23-091

DATE	APPROVED
05/19/06	JF 05/19/06
12/21/20	DH 12/21/20
1/10/24	DH 01/10/24

**VIEW A-A
ROTATED 180° CCW**

ASSY DWG. C12062

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.	
DIMENSIONS ARE IN INCHES		DRAWN H. NGUYEN	
TOLERANCES ON DECIMALS		CHECK S. CASLOW	
X : .03 .XX : .01 .XXX : .005		ENGR D. HOLLOWAY	
FRACTIONS : 1/32 ANGLES : 1°		MFG J. SITES	
MACHINE FINISH 125 ✓ / PER ANSIB46.1		DATE 05/11/95	
REMOVE BURRS AND		05/12/95	
SHARPEN EDGES		05/12/95	
MEET DIMENSIONS BEFORE PLATING		05/12/95	
DIMENSIONS ARE PER ASME Y14.5M		05/12/95	
MATERIAL :		DWG. NO. C 51351	
DO NOT SCALE DRAWING		REV. F	

NOTES: UNLESS OTHERWISE SPECIFIED

- FREQUENCY 108-118 MHz AND 329-335 MHz
- POWER SPLIT 6 dB
- INSERTION LOSS (NOT INCLUDING 3dB POWER SPLIT) 1.5 dB MAX. 1.5 dB MAX.
- ISOLATION 20 dB MIN. 20 dB MIN.
- AMPLITUDE BALANCE (BETWEEN ADJACENT ANT. PORTS) ±0.5 dB
- IMPEDANCE 50 OHMS 50 OHMS
- VSWR R/L 1.5:1 MAX. 1.5:1 MAX. -13.98 dB -13.98 dB
- PHASE (BETWEEN ANT. PORTS) ±180° -/+ 5° (BETWEEN ANT. PORTS)

9. THESE SURFACES ARE FREE OF INSULATING FINISH FOR ELECTRICAL BONDING PER MIL-B-5087

10. WEIGHT: 0.25 LB

11. TSO FOR THIS COMPONENT (C1 120-5) APPROVED UNDER CI 120 () SERIES SYSTEM

ISO C34e, C34e, C40c RTCA DO-160D ENV. CAT.: [F2]XAC8[E1.P]XRFDXXXXXX[X]XXXXXXCX