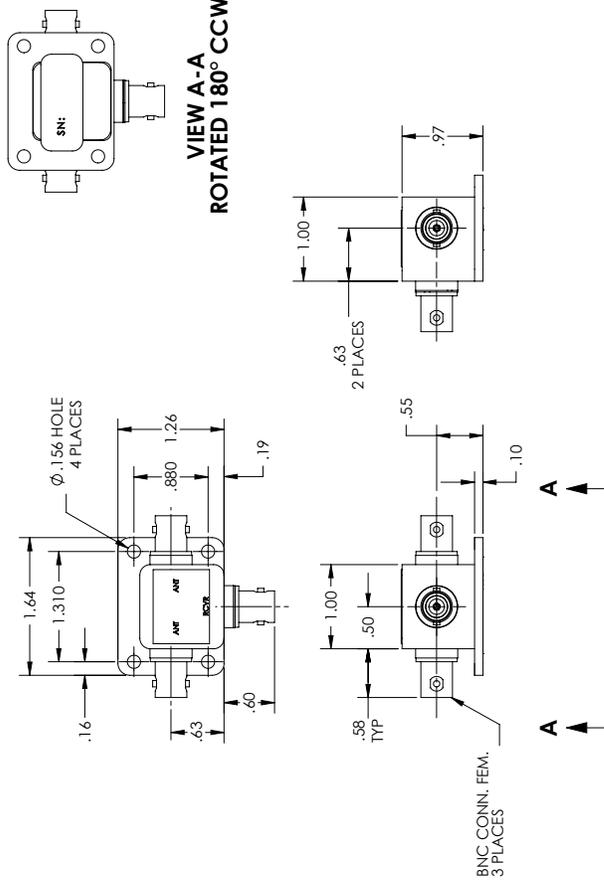


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
E	REF ECN 05-116	HN 05/05/05	JF 05/05/05
F	REF ECN 05-119	HN 05/13/05	JF 05/13/05
G	REF ECN 17-108	MN 11/7/17	DH 11/7/17
H	REF ECN 20-091	RM 12/21/20	DH 12/21/20
J	REF ECN 21-115	RM 9/19/22	DH 09/19/22



- NOTES: UNLESS OTHERWISE SPECIFIED.
- FREQUENCY 108-118 MHz AND 329-335 MHz
 - POWER SPLIT 3 dB
 - INSERTION LOSS 1.0 dB MAX. 20 dB MIN.
 - ISOLATION (BETWEEN ADJACENT ANT. PORTS) 20 dB MIN.
 - AMPLITUDE BALANCE ± 0.5 dB
 - IMPEDANCE 50 OHMS NOM. ± 0.5 dB
 - VSWR 1.5:1 MAX. -13.98 dB
 - PHASE ± 180° ± 5° (BTWN ANT. PORTS)
 - CONNECTORS AND MOUNTING HOLES ARE FREE OF INSULATING FINISH FOR ELECTRICAL BONDING
 - TSO FOR THIS COMPONENT (CI 120-3) APPROVED UNDER CI 120G/S TSO C34e, C34e, C40c AND RTCA DO-160D. ENV. CAT. [F2X]ACB[TEI.P]XRFDXXXXXX[XX]XXXXXXCX

INSTALLATION DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON INCHES DECIMALS .XX ± .00 .XXX ± .010 FRACTIONS ± 1/16 ANGLES ± 1°	CONTRACT NO.	
	MACHINE FINISH 125✓PER ANSI-B46.1 REMOVE BURRS AND SHARP EDGES TO MAX DIMENSIONS BEFORE PLATING DIMENSIONS ARE PER ASME Y14.5M	
APPROVALS		DATE
DRAWN DAVEY	10/29/77	
CHECK D. MARADAS	08/78	
ENGR H. SUMMER	08/78	
APPD L. BROWN	08/78	
DO NOT SCALE DRAWING		

Comant Industries, Inc.
**POWER COMBINER
2 INPUT / 1 OUTPUT**

BWG SIZE C	CODE IDENT 51351	BWG NO. CI 120-3	REV. J
SCALE: 1:1		CAD FILE: --	SHEET: 1 OF 1

ASSY DRAWING C12031

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