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LTR	DESCRIPTION	DATE	APPROVED
A	REF ECN 06-37	05/19/06	JF 05/19/06
B	REF ECN 20-091	12/21/20	DH 12/21/20

ASSY DWG. C12041-1

QTY	REQD	ITEM NO	PART NUMBER	DESCRIPTION	MATERIAL / SPECIFICATIONS
PARTS LIST					
UNLESS OTHERWISE SPECIFIED					
DIMENSIONS ARE IN INCHES					
TOLERANCES ON DECIMALS					
.XX ± .03 .XXX ± .010					
FRACTIONS ± 1/16 ANGLES ± 1°					
MACHINE FINISH 125 ✓ PER ANSI B46.1					
REMOVE BURRS AND SHARP EDGES .015 MAX					
MEET DIMENSIONS BEFORE PLATING					
DIMENSIONS ARE PER ASME Y14.5M					
MATERIAL :					
CONTRACT NO.					
APPROVALS					
DATE					
DRAWN H. NGUYEN 10/26/00					
CHECK M.KASHANPOUR 11/02/00					
ENGR D. HOLLOWAY 11/02/00					
MFG P.BOSNEANU 11/02/00					
COMANT INDUSTRIES, INC.					
POWER COMBINER- 2 INPUT / 2 OUTPUT					
DWG NO. C 51351					
DWS. NO. C120-7					
REV. B					
SCALE: 1/1					
CAD FILE: --					
SHEET: 1 OF 1					

- 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.
 - ISOLATION (BETWEEN ADJACENT ANT. PORTS) 20 dB MIN.
 - AMPLITUDE BALANCE ±0.5 dB
 - IMPEDANCE 50 OHMS
 - VSWR 1.5:1 MAX. R/L -13.98 dB
 - PHASE ±180° /+5° (BETWEEN ANT. PORTS)
 - THESE SURFACES ARE FREE OF INSULATING FINISH FOR ELECTRICAL BONDING PER MIL-B-5087
 - WEIGHT: 0.2 LB