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SPECIFICATIONS

ELECTRICAL:

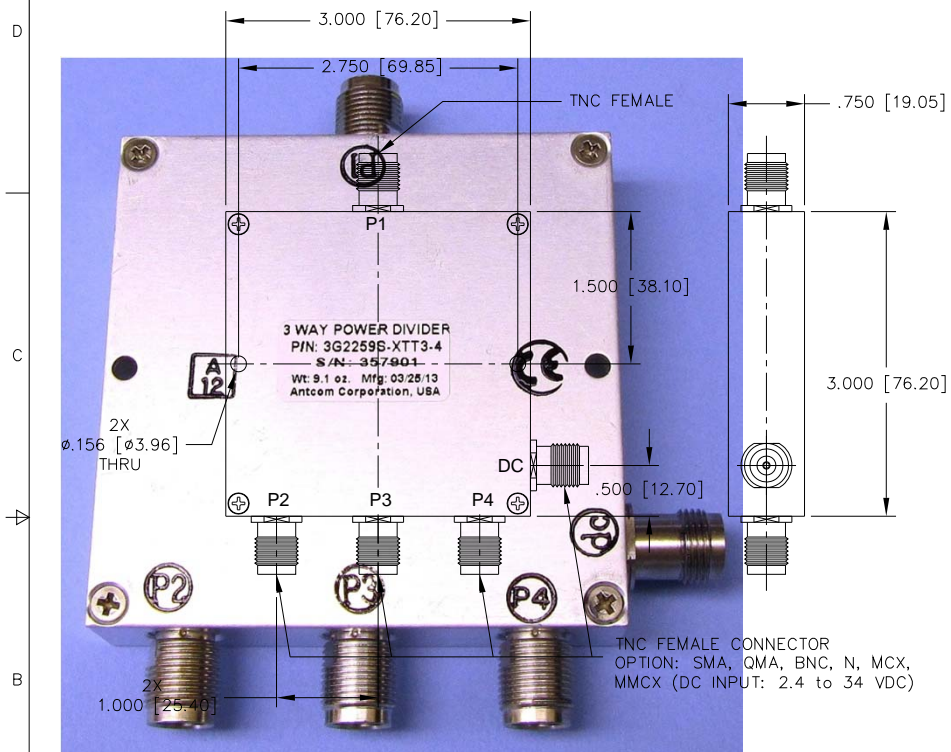
	(0.5 - 2.0) GHz	(2.0 - 6.0) GHz
FREQUENCY:	(0.5 - 2.0) GHz	(2.0 - 6.0) GHz
VSWR:	1.5:1	2.0:1
IMPEDANCE:	50 ohms	50 ohms
INSERTION LOSS (dB):	<0.9	2
AMPLITUDE BALANCE (dB):	0.5	1
PHASE BALANCE (Deg.):	3	9
POWER HANDLING:	40 Watt CW	40 Watt CW

MECHANICAL:

- SIZE:** 3.00in.[76.2mm] SQ.
 HEIGHT 0.75in.[19.05mm]
- WEIGHT:** 8.96oz. (254 g)
- FINISH:** BASE IRIDITE PER MIL-C-5541F
- MATERIAL:** 6061-T6 ALUMINUM ALLOY BASE
 UV, ABRASION, AND SKYDROL RESISTANCE
- CONNECTOR:** TNC FEMALE
 (OPTIONAL: SMA, TNC, N, BNC, MCX, MMCX, F)
- ENVIRONMENTAL:**
- TEMPERATURE:** -90 °F TO +257 °F [-67 °C TO +125 °C] (Operational)
 -85 °F TO +302 °F [-65 °C TO +150 °C] (Storage)
- ALTITUDE:** 70,000 ft.
- VIBRATION:** >30 G's
- LEAKAGE:** HERMETICALLY SEALED

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: FAA TSO-C144, DO-160D, DO-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455



FREQ. BAND:	LNA GAIN:	DC OPTION:
0.5-6.0: (0.5-6.0) GHz	A: ACTIVE (LNA @ P1 INPUT)	1: P1/P2/P3/P4 DC ALL BLOCKED
1.0-2.0: (1.0-2.0) GHz	A1: 13 dB GAIN	2: P1/P2/P3/P4 DC ALL ENABLED
2.0-3.0: (2.0-3.0) GHz	A2: 20 dB GAIN	3: P1/P2/P3 DC ENABLE; P4 DC BLOCKED
4.0-6.0: (4.0-6.0) GHz	A3: 33 dB GAIN	4: P1 DC ENABLE; P2/P3/4 DC BLOCKED
2.0-6.0: (2.0-6.0) GHz	P: PASSIVE	5: P1 DC BLOCKED; P2/P3/P4 DC ENABLED
X.X-Y.Y: (X.X-Y.Y) GHz		

QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	ITEM NO
1						1

UNLESS OTHERWISE SPECIFIED	ANTCOM CORP.
DIMENSIONS ARE IN INCHES	TORRANCE, CALIFORNIA
FRACTIONS USE DECIMAL ANGLES	
± 1/64 .015 ± 1'	
± .002 .010	
TOLERANCE 5M PER ANSI Y14.5	
REMOVE ALL BURRS	
BREAK EXTERNAL EDGES .005 TO .015	
FILLS TO .0015 @ .030	
SCREW THREADS PER MIL-S-8879	
DAYS ON A CALENDAR 25/005	
MACHINED SURFACES	
DO NOT SCALE DRAWING	

P/N: 3G0.5-6.0SP-XTT3-4

1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]
 NOTES: UNLESS OTHERWISE SPECIFIED:

CABLE LENGTH:	P1/P2/P3/P4 Female Connector:	DC Bias Female Connector:
X: NO CABLE	S: SMA; T: TNC	S: SMA; B: BNC; T: TNC
M: WITH MAG. MOUNT	Q: QMA; B: BNC	N: N; M: MCX; MM: MMCX
R: CABLE LENGTH (IN)	N: N; M: MCX; MM: MMCX	F: F; SB: SMB; SC: SMC
R: RIGHT ANGLE CON.	F: F; SB: SMB; SC: SMC	