



SPECIFICATION

PART NUMBER: ACPS-A602
DESCRIPTION: 8 BIT DIGITAL PHASE SHIFTER

FREQUENCY RANGE: 1500 +/- 75 MHz
INSERTION LOSS: 4.0 dB MAX
VSWR: 2.0:1 MAX (50Ω)
LSB: -1.41 °
MSB: -180°
AMPLITUDE STABILITY: +/- .6 dB MAX (FOR ANY PHASE SETTING)
PHASE ACCURACY: +/- 1.4 ° MAX (FOR ANY PHASE SETTING @1.5GHz)
SWITCHING SPEED: 250nsec (50% TTL - 10/90% RF)
POWER HANDLING: +27 dBm
DC BIAS: +15 V @ 200 mA MAX
CONTROL: TTL: LOGIC 0 = REFERENCE
LOGIC 1 = PHASE SHIFT

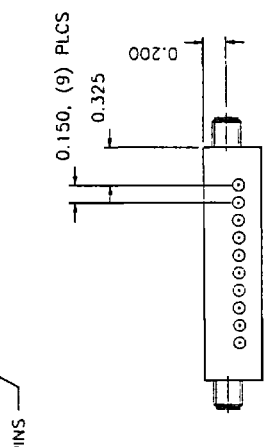
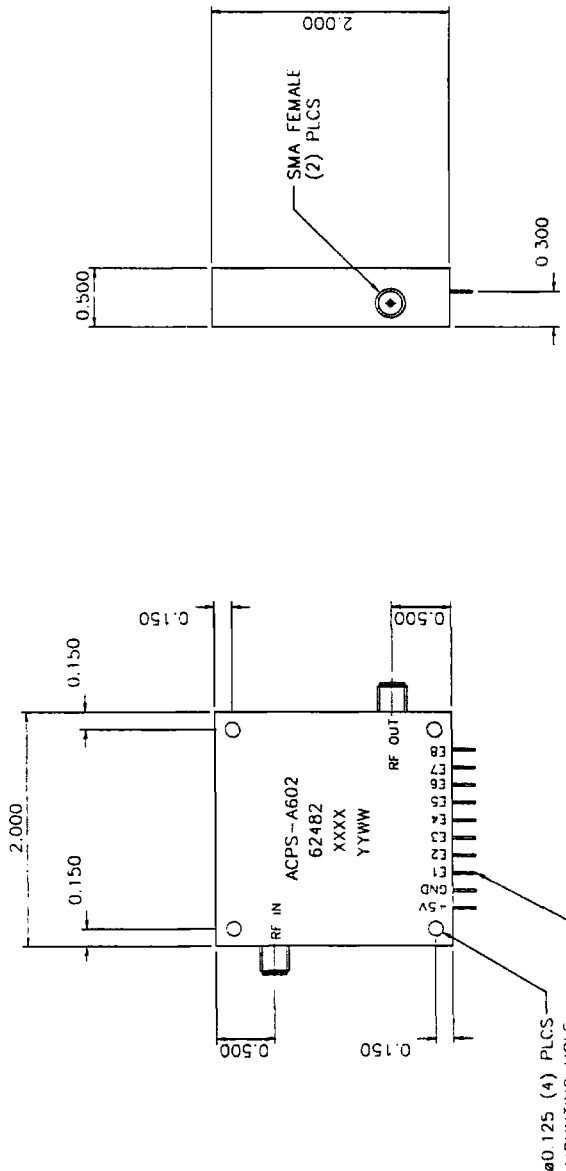
TEMPERATURE: STORAGE: -55 ° C - +125 ° C
OUTLINE: 2"L x 2"W x 0.5"H MAX
(REFER TO OUTLINE DRAWING #ACC-0341)

RF CONNECTORS: SMA FEMALE
BIAS AND CONTROL: .020" DIA SOLDER PINS
SEAL: EPOXY
FINISH: LUSTERLESS GRAY EPOXY PAINT



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REVISIONS		DATE	APPROVED
ZONE	DESCRIPTION		
LIR	INITIAL RELEASE		



BIT	LOGIC PHASE
E1	1.4
E2	2.8
E3	5.6
E4	11.3
E5	22.5
F6	45
L7	90
E8	180

UNLESS OTHERWISE SPECIFIED	DRAWN BY	RG	2/4/97	Advanced Control Components, Inc.
DIMENSIONS ARE IN INCHES	CHECKED BY			OUTLINE, PHASE SHIFTER
TOLERANCES ON FINISH RMS 63	ENG.			SIZE: A
ANGLES 13/2° FRACTIONS: ±1/64	PROD.			DRAWING NO. ACC-0341
4 PLACE DECIMALS: ±0.0005	Q.A.			SCALE: NONE
2 PLACE DECIMALS: ±0.01	TURBO ANGLE PROJECTION			SHEET 1 OF 1
COMMERCIAL PUBLISHING TOLERANCES SHALL APPLY TO LUBRIC OIL PLATE, CIRCUIT BOARD, AND ALL OTHER PARTS. ALL THREADS TO BE CLASS 2A OR 2B. ALL PARTS MUST FIT GAUGES AND TOLERANCES SPECIFIED AFTER DRAWING.	FSCM: 62482			
CAUTION UNLESS THIS DRAWING BEAMS AUTHORIZED SIGNATURE AND DATE IT BE USED FOR MANUFACTURING PURPOSES				

NEXT ASSEMBLY APPLICATION	ACPS-A601	USED ON
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