

DRG NO
C11-43522

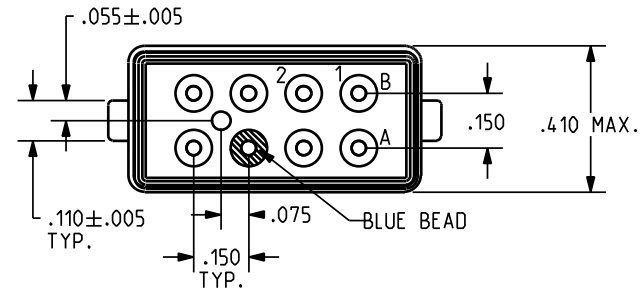
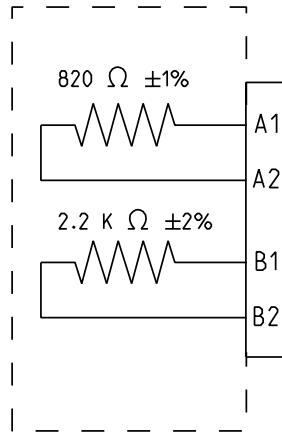
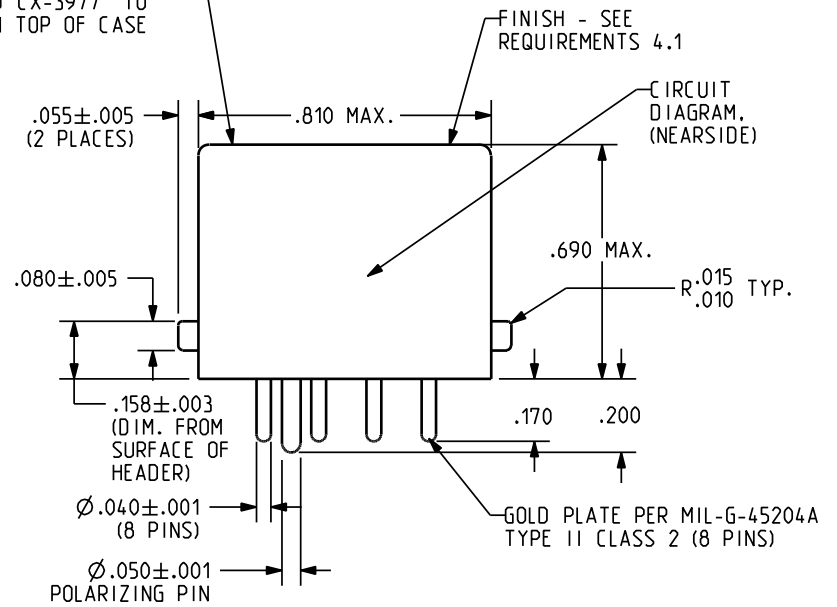
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REQUIREMENTS:

1. SPECIFICATION - THIS ASSEMBLY SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-39017 AND THE ADDITIONAL REQUIREMENTS OF THIS SPECIFICATION. IN CASE OF CONFLICT, THE LATTER SHALL GOVERN.
2. ELECTRICAL:
 - 2.1 DIELECTRIC WITHSTANDING VOLT - 1000 VRMS, 60Hz
 - 2.2 INSULATION - RESISTANCE - 1000 MEGOHM MIN.
 - 2.3 RESISTORS - 1% AT 1.4 WATT
3. ENVIRONMENTAL:
 - 3.1 AMBIENT TEMPERATURE
 - (A) OPERATING: -55°C TO +85°C
 - (B) NON-OPERATING: -55°C TO +125°C
 - 3.2 VIBRATION - 0.06 INCH DOUBLE AMPLITUDE AT 5 TO 80 Hz 20 G's, 80 TO 2000 Hz
 - 3.3 SHOCK - 50 G's, 11 ±1 MS, 1/2 SINE 3 AXIS
 - 3.4 ACCELERATION - 20 G's IN ANY AXIS
4. MECHANICAL:
 - 4.1 FINISH - BRIGHT ACID TINNED
 - 4.2 ENCLOSURE - HERMETICALLY SEALED
5. THE RESISTOR NETWORK SHALL MEET THE REQUIREMENTS OF THIS SPECIFICATION WHEN INSTALLED IN SOCKET 41663 AND MOUNTING TRACK 41662 EXCEPT THAT VIBRATION AND SHOCK LEVELS ARE AS FOLLOWS:
 - SINUSIODAL - 0.2 IN DA 10 TO 31 Hz
10 G's 31 TO 2000 Hz
 - RANDOM - 0.2 G²/Hz 50 TO 2000 Hz
 - SHOCK - 50 G's
6. PHYSICAL DATA:
 - 6.1 TERMINAL STRENGTH - 3 POUNDS ±0.3 POUNDS
 - 6.2 WEIGHT - 3 OUNCES
 - 6.3 MARKING - PART NUMBER, NAME AND SCHEMATIC

"RESISTOR NETWORK, CAGE CODE, AND CX-3977" TO APPEAR ON TOP OF CASE

USED ON MID-RANGE



TERMINAL NUMBERS FOR REF. ONLY AND DO NOT APPEAR ON HEADER. UNUSED PINS INACTIVE

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LOC
IQ
DIST
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A	DCO 301148 FIRST ISSUE	18MAY2009	BD	-
P	LTR	REVISION RECORD	DATE	DWN APVD

DIMENSIONS: INCHES	
ANGLES±	-
SURFACE TEXTURE	

TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±.010
4 PLC	±

DWN	18MAY2009	MATERIAL	-	HEAT TREAT	-
B.D.					
CHK	5/19/09	Tyco Electronics Harrisburg, PA 17105-3608			
D. FLEMING					
APVD	5/19/09				
O.DARBY		NAME RESISTOR NETWORK CX-3977			
SCALE	NONE	SIZE	A 3	DRAWING NO	C11-43522
		SHEET	1	OF	1
		REV		A	

AMP 3306-7 REV 31MAR2000

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