

4

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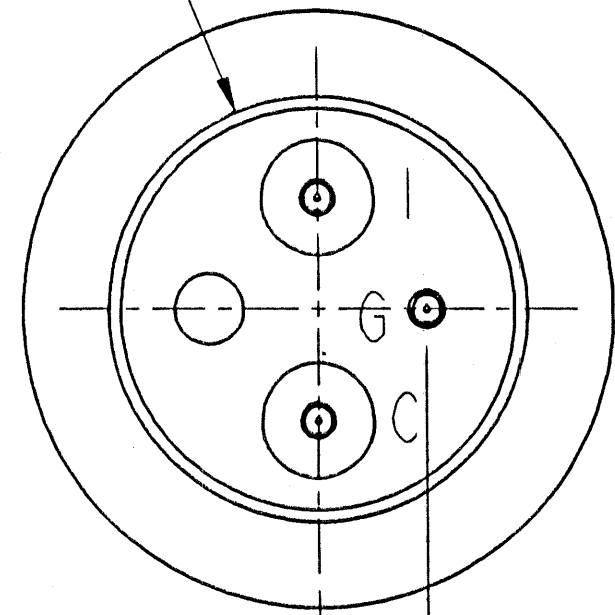
2

1

I = INTERMEDIATE CONTACT  
 G = OUTER CONTACT  
 C = CENTER CONTACT

REVISIONS			
LTR	DESCRIPTION	DATE	APPVD
A	INITIAL RELEASE NUM: 70098-387		

∅ .274 REF  
 ∅ .276 MAX

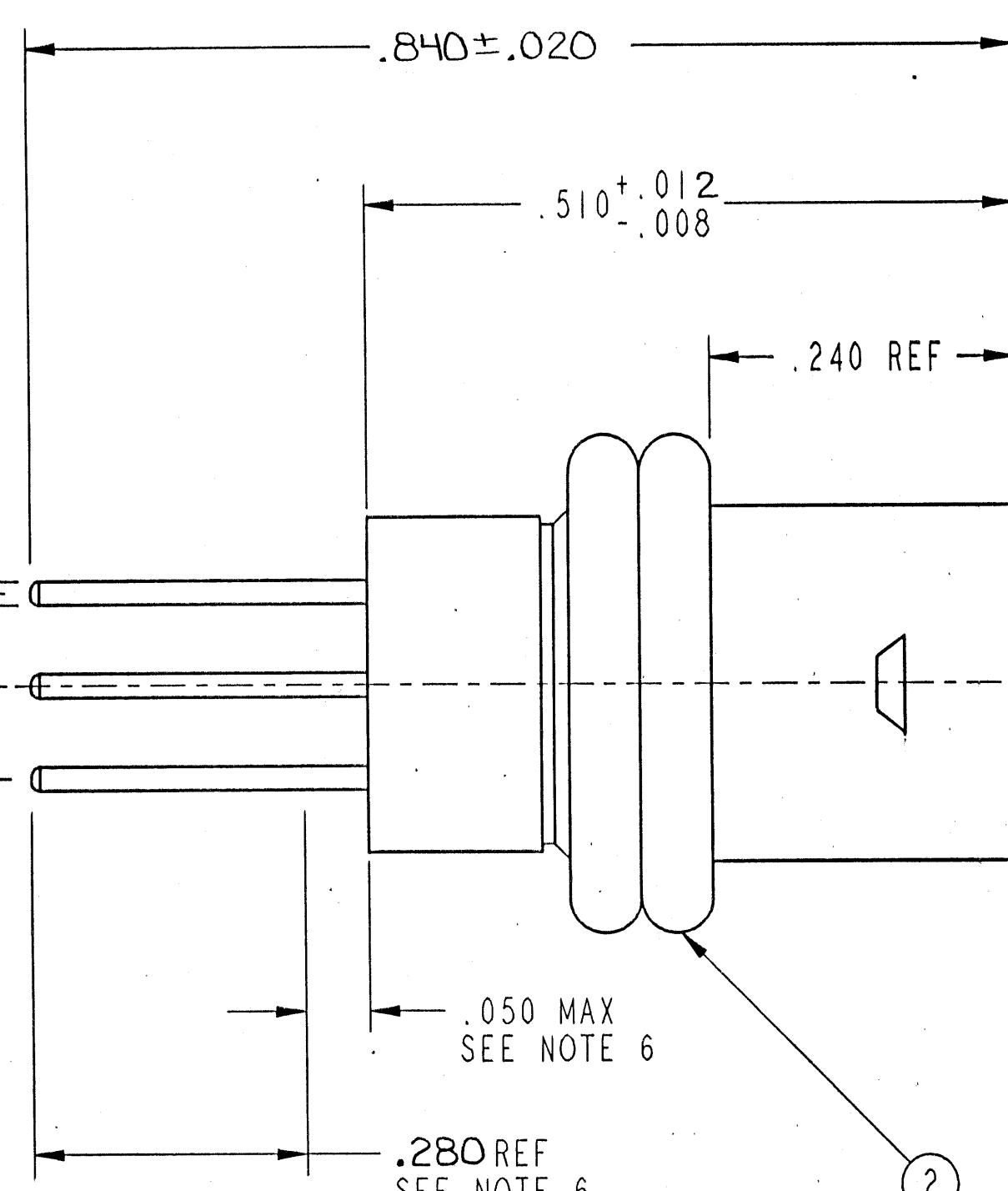


∅ .018<sup>+0.003</sup><sub>-.000</sub>  
 3 PINS  
 ∅ .020 (M)

.0715

.0715

.0715



∅ .314<sup>+0.002</sup><sub>-.001</sub>

8. CLEANING OF PARTS IN CHLORINATED SOLVENTS IS NOT PERMISSIBLE.
7. A TEST VOLTAGE OF 500 VOLTS AC RMS SHALL BE APPLIED BETWEEN THE CENTER CONTACT (C) AND THE INTERMEDIATE CONTACT (I) AND BETWEEN THE INTERMEDIATE CONTACT (I) AND THE OUTER CONTACT (G). THE VOLTAGE SHALL BE APPLIED FOR 5 SECONDS MINIMUM. THE LEAKAGE CURRENT SHALL NOT EXCEED 1 MILLIAMPERE. THERE SHALL BE NO EVIDENCE OF BREAKDOWN OR FLASHOVER.
6. PRETIN INDICATED AREA TO WITHIN .050 OF THE CONTACT BODY, PER 9-7894, IN NITROGEN WAVE SOLDER POT. IF FLUX IS USED, REMOVE ONLY WITH ULTRASONIC CLEANING IN ISOPROPNOL (SEE NOTE 8).
5. WHILE FULLY MATED WITH A 21-33190-529 TWINAX PIN CONTACT, A TEST VOLTAGE OF 1.5 VOLTS DC SHALL BE APPLIED BETWEEN THE PCB TAIL OF THE SOCKET CONTACT AND A POINT 3.500 ± .100 FROM THE REAR OF THE PIN CONTACT (PIN CONTACT TERMINATED WITH M17/176-00002 TWINAX CABLE). THE MAXIMUM VOLTAGE DROP SHALL BE 30 MILLIVOLTS WITH A TEST CURRENT OF 1 AMP. ALL PCB TAILS MUST BE 100% CHECKED FOR THIS REQUIREMENT.
4. CAUTION: HANDLE ASSEMBLY CAREFULLY TO PREVENT MISALIGNMENT OF PIN CONTACT TAILS.
3. MATES WITH ANY SIZE 8 CONCENTRIC TWINAX PIN CONTACT IN PART NUMBER SERIES 21-33190-().
2. DRAWING ILLUSTRATES FINAL ASSEMBLY, PACKAGE PER PRODUCTION PROCESS SHEET (SEE NOTE 4).
1. PROCESS SPEC:  
TEST 9-5272-30, ELECTRICAL TEST PER NOTES 5 & 7, 9-7894

NOTES:

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COMPANY ID: 9	CODED/MS/CUST: N	M38999 I & III CONN.
INTERNAL: N	LOT NO: N	N/A
DATE CODE: N	SEE DRAW: N	
STAMPING DATA		NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS
LINEAR DIMENSIONS ARE IN INCHES	MATERIAL SPEC. APPROVALS DATE
TOLERANCES:	N/A
.XXXX = ±.0005	PROCESS SPEC. SEE NOTE 1
.XXX = ±.010	
.XX = ±.03	
X = ±.1	
ANGLES = ±2°	
OTHER STANDARDS PER 9-3800 AND DOD-D-1000	
THIRD ANGLE PROJECTION	

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
2	2	21-33976-1	O-RING	
1	1	21-33921-45	CONTACT ASSEMBLY	

PARTS LIST			
AMPHENOL CORPORATION BENDIX CONNECTOR OPERATIONS SIDNEY, N.Y.			
CONTACT, SOCKET, CONCENTRIC TWINAX, SIZE 8 PCB STYLE TERMINATION			
SIZ: C	FSCM NO. 77820	DOCUMENT NO. 21-33921-35	REV. A
SCALE: 8.0		REF: 21-33875-1	SHEET 1 OF 1

4

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1

21-33921-35

A

FAMCODES DATA3: CICS:

21-33967-15