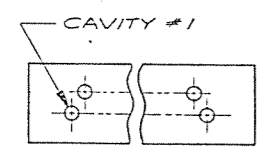
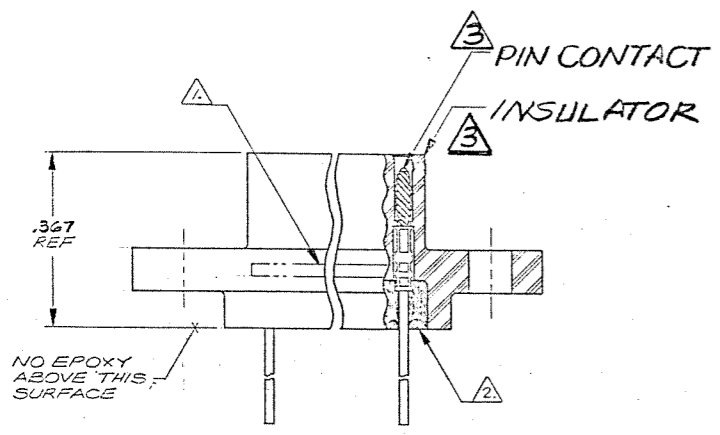
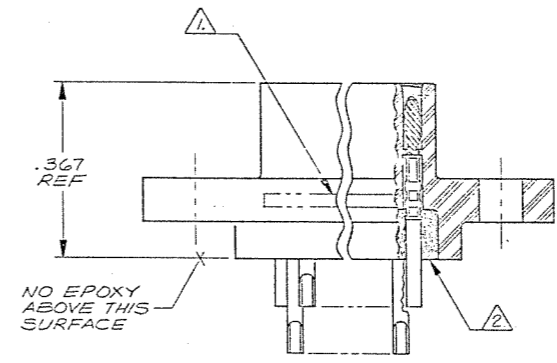
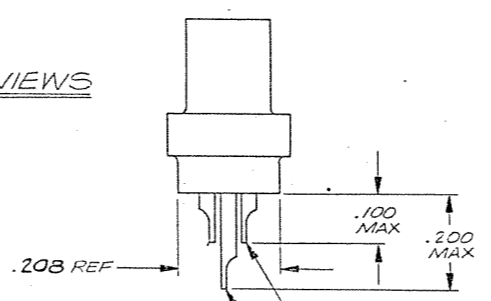
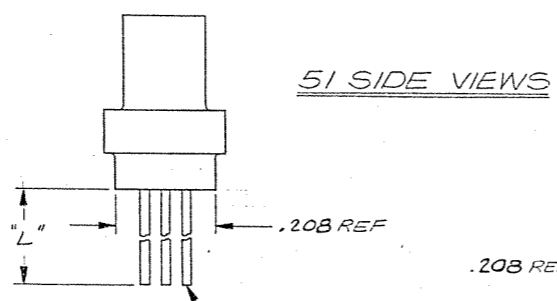
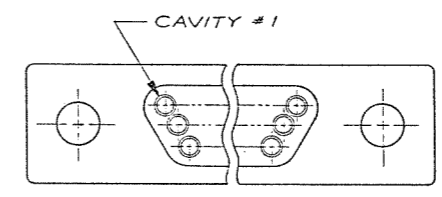
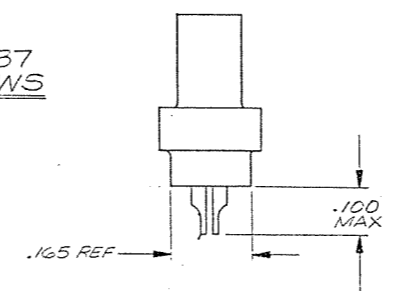
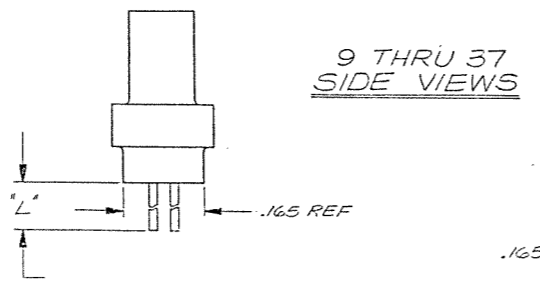
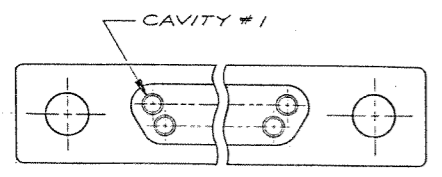


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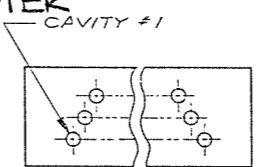
REVISIONS					
ZONE	LTR	ECN	DESCRIPTION	DATE	APPROVED
B1			REVISED PER ECO-11-005139	28MAR11	HMR



REAR VIEW OF PLUG CAVITY LAYOUT

**9 THRU 37 CONFIGURATION**

(SHOW WITH WIRE TERMINATIONS FOR REFERENCE ONLY. SOLDER POT TERMINATIONS ARE THE SAME CONFIGURATION)



REAR VIEW OF PLUG CAVITY LAYOUT

**51 CONFIGURATION**

(SHOWN WITH SOLDER POT TERMINATIONS FOR REFERENCE ONLY. WIRE TERMINATIONS ARE THE SAME CONFIGURATION)

3 SOLDER POT-ADAPTER (SHORT)  
 3 USED ON 51 ONLY  
 3 SOLDER POT-ADAPTER (LONG)

**NOTES: UNLESS OTHERWISE SPECIFIED**

1 MARK "MALCO" OR MALCO LOGO, MILITARY PART NO. (e.g. MB3513/06-\*), CODE IDENT. NO., & DATE CODE WITH .047 MIN HIGH CHARACTERS IN APPROXIMATE LOCATION SHOWN.

2 EPOXY USING HYSOL #4215 & 3561.

3 SOLDER POT; MATL: BRASS PER QQ-B-626, COMP 360, 1/2 HARD  
 FINISH: COPPER ALLOY/GOLD PLATED  
 PIN CONTACT; MATL: COPPER ALLOY/GOLD PLATED  
 HOUSING; MATL: (R3) POLYPHENYLENE SULFIDE RYTON 4-04 (BR-68) PER MIL-M-24519, COLOR BROWN

**TE Connectivity Drawing 1-1532149-4**

QTY	CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± ± .XXX ± ±
			CONTRACT NO. APPROVALS DATE DRAWN 1/4/23 CHECKED PR. ENG. 1-5-23 A.T.U.
			MATERIAL FINISH
			DO NOT SCALE DRAWING
			SCALE: NONE
			SHEET / OF /

**TE** TE Connectivity

**RACK & PANEL CONNECTOR, PLUG**

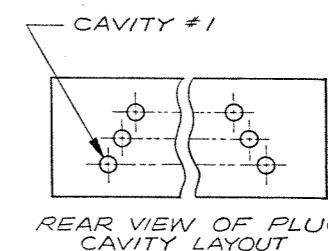
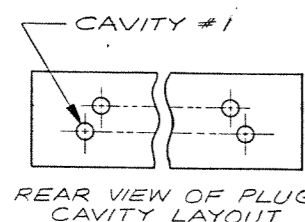
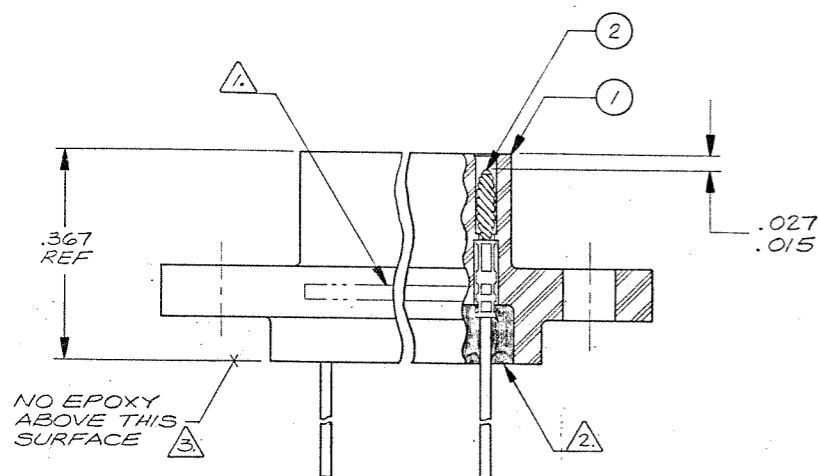
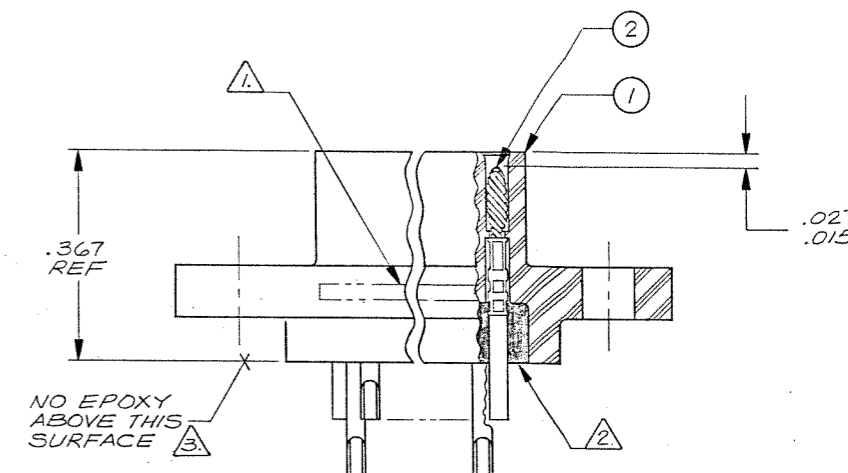
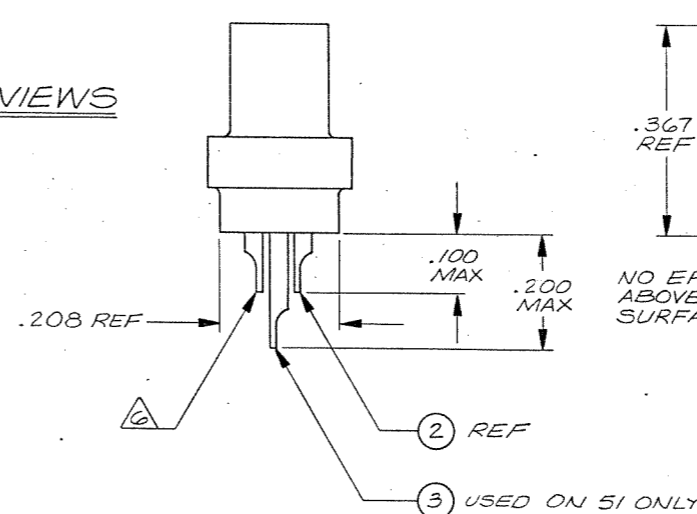
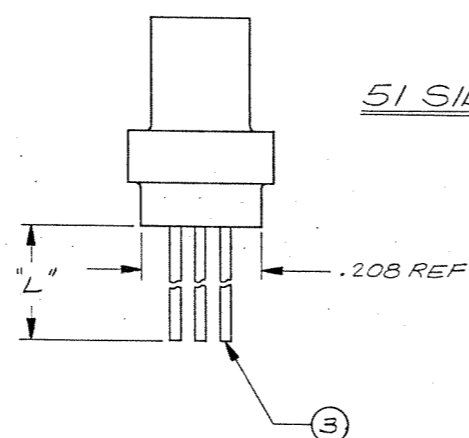
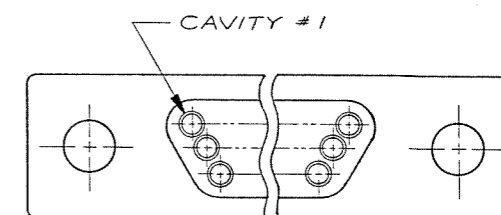
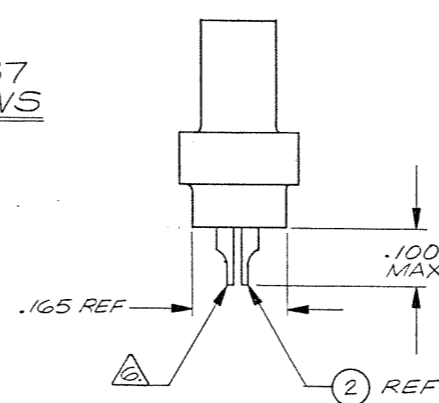
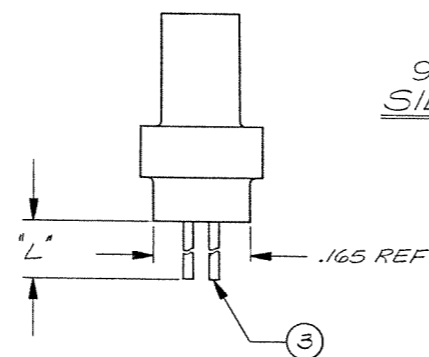
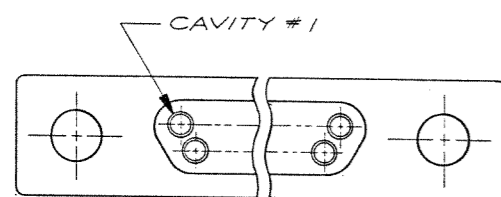
MCD PER MIL-C-83513

SIZE: D CODE IDENT. NO.: 98278 DRAWING NO.: 1-1532149-4

PROD. CODE: 824 CODE: CD

8 7 6 5 4 3 2 1

REVISIONS					
ZONE	LTR	ECN	DESCRIPTION	DATE	APPROVED
			SEE SHEET 1		



**9 THRU 37 CONFIGURATION**

(SHOW WITH WIRE TERMINATIONS FOR REFERENCE ONLY. SOLDER POT TERMINATIONS ARE THE SAME CONFIGURATION)

**51 CONFIGURATION**

(SHOWN WITH SOLDER POT TERMINATIONS FOR REFERENCE ONLY. WIRE TERMINATIONS ARE THE SAME CONFIGURATION)

**NOTES: UNLESS OTHERWISE SPECIFIED**

- 1. MARK "MALCO" OR MALCO LOGO, MILITARY PART NO. (e.g. M83513/06-\*), CODE IDENT. NO., & DATE CODE WITH .047 MIN HIGH CHARACTERS IN APPROXIMATE LOCATION SHOWN.
- 2. EPOXY USING HYSOL # 4215 & 3561.
- 3. EPOXY WICKING - UNINSULATED WIRE — .050 MAX.  
INSULATED WIRE UP TO # 25 AWG — .125 MAX.  
INSULATED WIRE # 24 AWG OR LARGER — .200 MAX.
- 4. CRIMP LEADS OR SOLDER POTS INTO CONTACTS PER MEP 302-05.
- 5. NO SCRATCHES SHOWING BASE METAL PERMITTED ON SOLDER POTS.
- 6. CHAMFER ON SOLDER POTS ARE TO BE PARALLEL WITH SIDES OF CONNECTOR WITHIN 10 DEGREES.

**TE Connectivity Drawing 1-1532149-4**

QTY REQD	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	CONTRACT NO.	PROD. CODE
					824
PARTS LIST				TE Connectivity	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:				APPROVALS	
FRACTIONS DECIMALS ANGLES				DATE	
± .XX ± ±				DRAWN G SAUER 5-12-82	
MATERIAL				CHECKED E Jhon 5-17-82	
FINISH				PR. ENG. [Signature] 5-17-82	
DO NOT SCALE DRAWING				APPD. [Signature]	
NEXT ASSY USED ON APPLICATION				SIZE CODE IDENT NO. DRAWING NO.	
				D 98278 1-1532149-4	
				REV. B1	
				SCALE NONE SHEET / OF /	

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[M83513/06-A](#)