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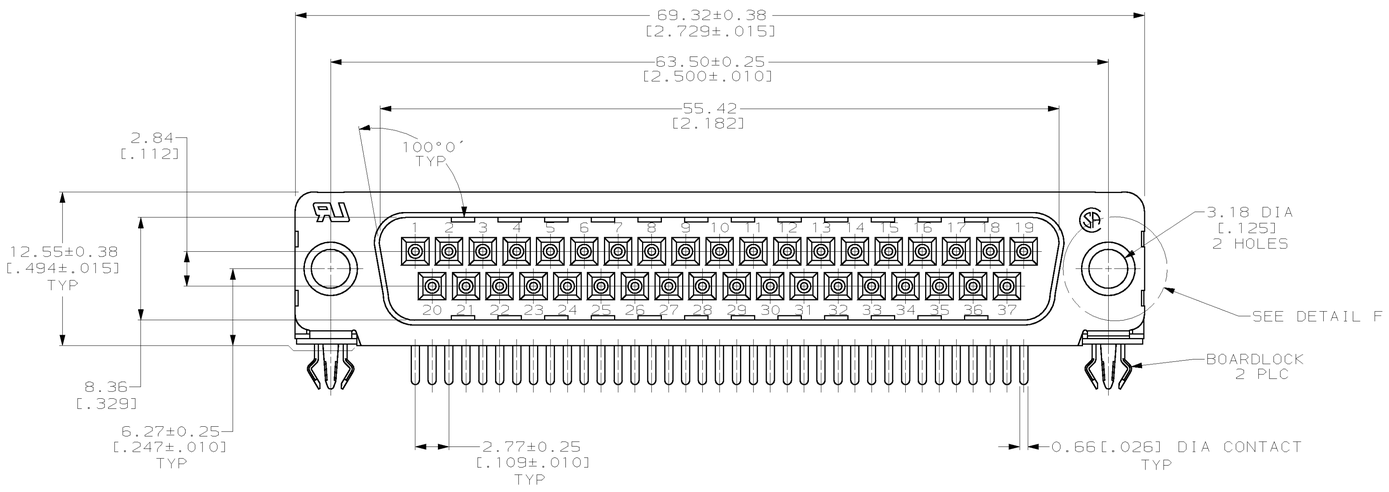
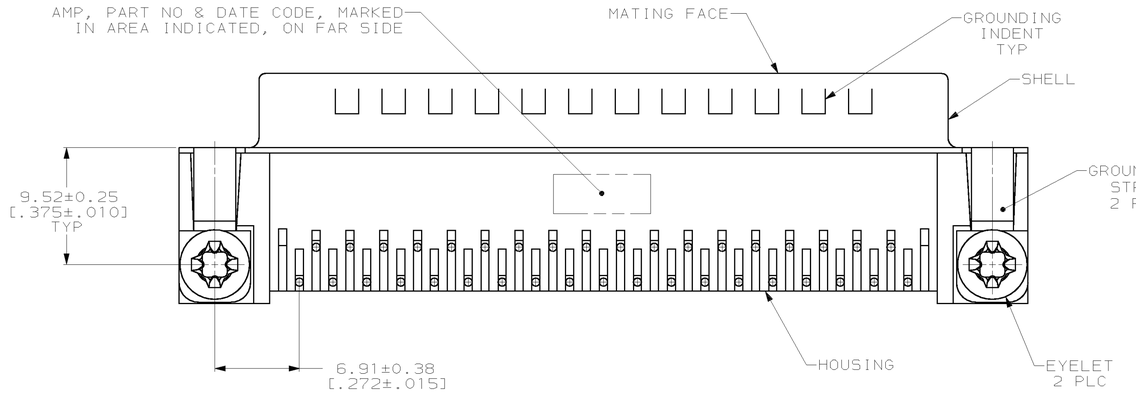
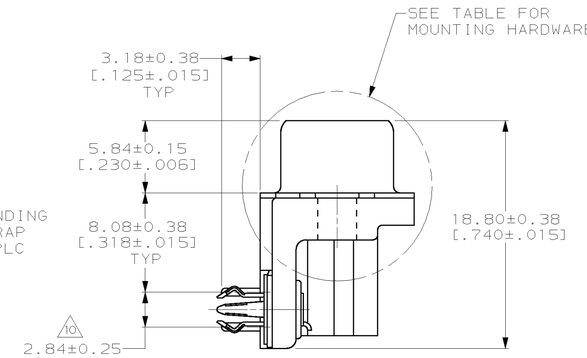
LOC	DIST
GP	00

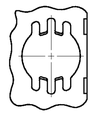
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	N	REVISED PER EC 0S13-0176-03	28MAY03	JG	CC



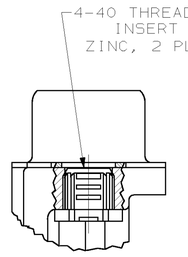




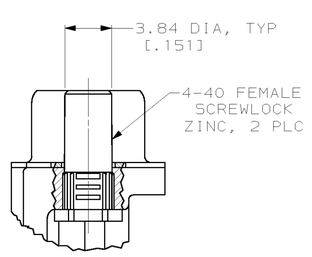


FOR -5 AND -6 ONLY

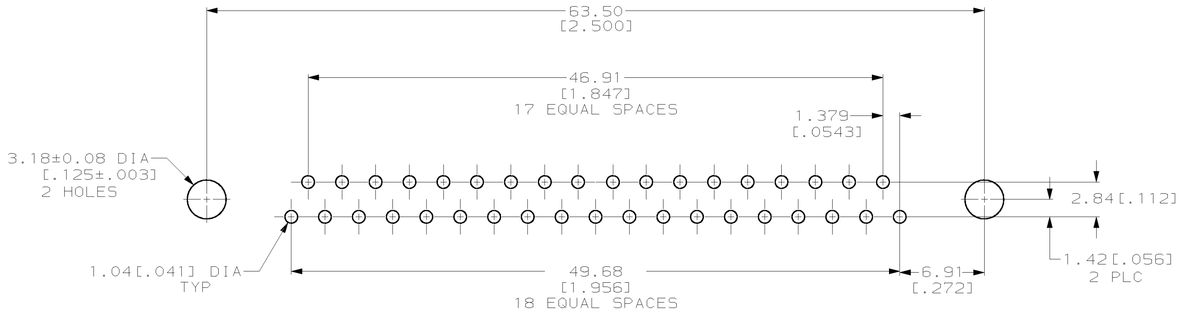
DETAIL F
2 PLC



DETAIL D



DETAIL E



RECOMMENDED P.C. BOARD MOUNTING DIMENSIONS

P.C. BOARD THICKNESS: 1.57[.062]

	MOUNTING HARDWARE	BOARDLOCK FINISH	CONTACT FINISH	PART NUMBER
	SEE DETAIL E	12	9	6-747843-9
	SEE DETAIL D	12	9	6-747843-8
	–	12	9	6-747843-7
	SEE DETAIL E	11	9	747843-6
OBSOLETE	SEE DETAIL E	11	8	747843-5
	SEE DETAIL D	11	9	747843-4
	SEE DETAIL D	11	8	747843-3
	–	11	9	747843-2
OBSOLETE	–	11	8	747843-1

1. NYLON OR POLYESTER, FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED, BLACK.
2. BRASS PER MIL-C-50.
3. CARBON STEEL PER ASTM A109.
4. EYELETS: BRASS; BOARDLOCKS: COPPER ALLOY.
5. GOLD PLATING PER MIL-G-45204, NICKEL PLATING PER QQ-N-290, TIN PLATING PER MIL-T-10727; COPPER PLATING PER MIL-C-14550.
6. 2.54µm[.000100] MIN TIN OVER 1.27µm[.000050] MIN COPPER.
7. 5.08µm[.000200] MIN TIN OVER COPPER FLASH.
8. GOLD PLATED FOR LENGTH OF 3.81[.150] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 2.54µm[.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 3.56[.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm[.000050] MIN NICKEL.
9. GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm[.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 3.56[.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
10. DIMENSION APPLIES FROM CENTER OF CONTACTS.
11. 5.08µm[.000200] MIN TIN-LEAD OVER 1.27µm[.000050] MIN NICKEL.
12. 5.08µm[.000200] MIN TIN OVER 1.27µm[.000050] MIN NICKEL.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±0.13[.005]
4 PLC ±-
ANGLES ±2°0′

MATERIAL
HOUSING, 1 CONTACTS, 2
SHELL, 3 HARDWARE, 4

FINISH: SHELL, 3 EYELETS, 4
CONTACTS, SEE TABLE
BOARDLOCKS, SEE TABLE
INSERTS, CLEAR CHROMATE
SCREWLOCKS, CLEAR CHROMATE

DWN	W.G. LENKER	05-OCT-89
CHK	R. STONE	05-FEB-90
APVD	M.D. GALLOWAY	06-FEB-90
PRODUCT SPEC	108-40025	
APPLICATION SPEC	114-40010	
WEIGHT	–	

AMP Incorporated
Harrisburg, PA 17105-3608

NAME: PLUG ASSEMBLY, SIZE 4, 37 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, AMPLIMITE® HD-20

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-747843	–

CUSTOMER DRAWING

SCALE	SHEET	OF	REV
4:1	1	1	N