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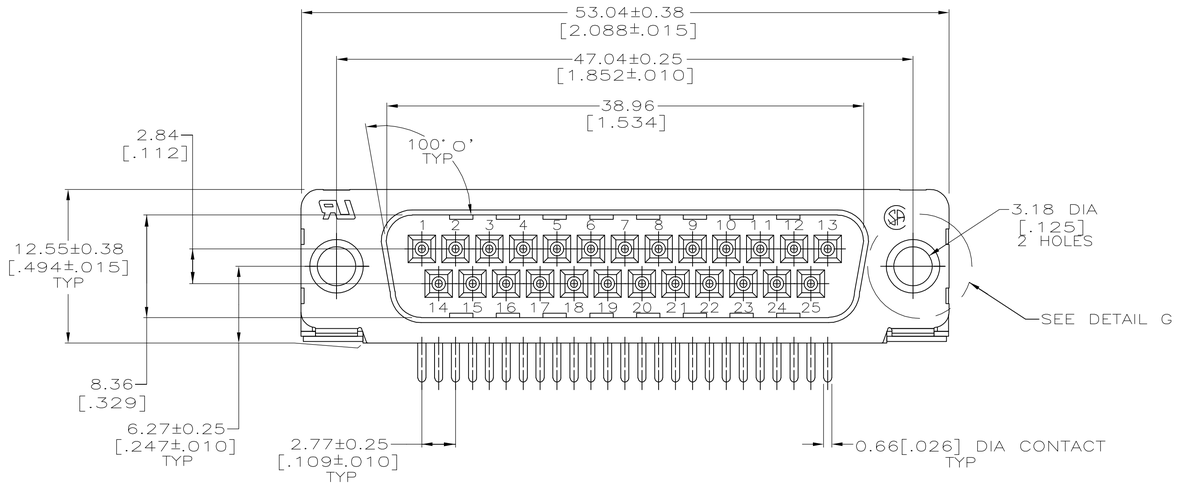
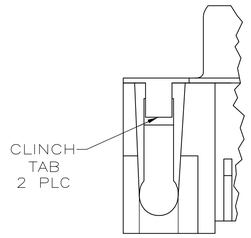
LOC	DIST
GP	00

REVISIONS

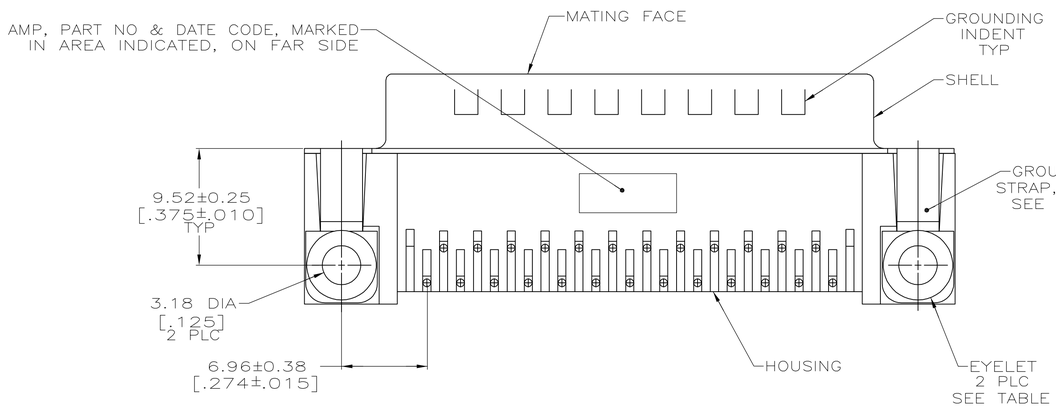
P	LTR	DESCRIPTION	DATE	DWN	APVD
	Y	REVISED PER ECO-07-000077	13FEB07	CJV	SB

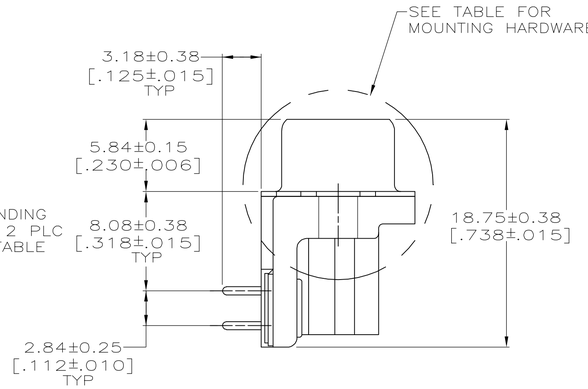


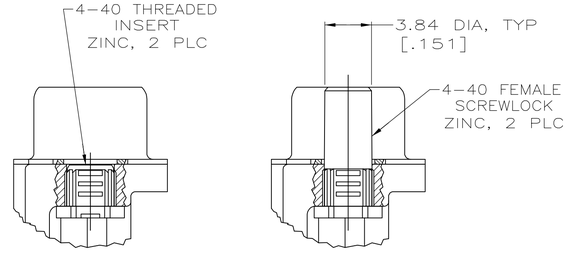


DETAIL B

1. HOUSING: BLACK NYLON OR POLYESTER, FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED
   CONTACTS: BRASS
   SHELLS: CARBON STEEL
   EYELETS: BRASS
2. GOLD PLATING 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.
3. GOLD PLATED FOR 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.
   -OR-
   GOLD FLASH OVER MIN PALLADIUM NICKEL FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] PALLADIUM NICKEL IN MATED AREA, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 3.56 [.140] FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
4. SHELLS: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER
   EYELETS: 5.08µm [.000200] MIN TIN OVER COPPER FLASH
   CONTACTS: SEE TABLE
   SCREWLOCKS AND INSERTS: CLEAR CHROMATE
5. SCREWLOCKS FOR 1-747238-3 ASSEMBLY WILL BE BULK PACKED AND SHIPPED WITH ASSEMBLIES.
6. OBSOLETE PART NUMBER.
7. SUPERSEDED BY 1-747238-2.
8. SUPERSEDED BY 747238-6.
9. SUPERSEDED BY 747238-3.

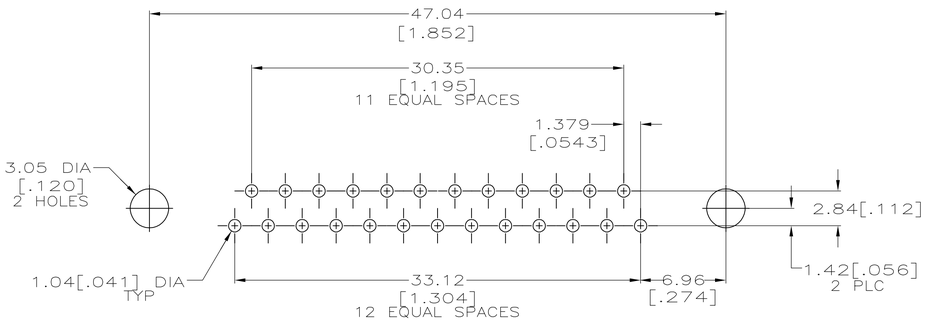




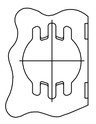


DETAIL D

DETAIL E

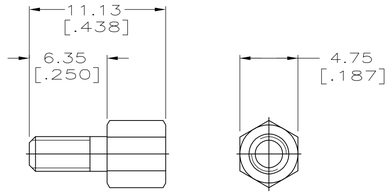


RECOMMENDED P.C. BOARD MOUNTING DIMENSIONS



FOR -5,-6,-11 AND -12 ONLY

DETAIL G
2 PLC



4-40 FEMALE SCREWLOCK: QTY 2
CARBON STEEL; 3.81µm[.000150]
MIN ZINC PLATED CLEAR CHROMATE

△5 DETAIL F
2 PLC

GROUNDING STRAPS	EYELETS	MOUNTING HARDWARE	CONTACT FINISH	PART NUMBER
NO SEE DETAIL B	NO	SEE DETAILS D AND F	△2	1-747238-3
		SEE DETAIL E	△3 △8	1-747238-2
			△2 △7	1-747238-1
		SEE DETAIL D	△3 △6	1-747238-0
			△2 △9	747238-9
		-	△3 △6	747238-8
			△2 △6	747238-7
YES	YES	SEE DETAIL E	△3	747238-6
			△2 △8	747238-5
		SEE DETAIL D	△3	747238-4
			△2 △6	747238-3
		-	△3 △6	747238-2
			△2 △6	747238-1

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 △1

FINISH △4

DWN	W.G. LENKER	07-NOV-89
CHK	R. STONE	05-FEB-90
APVD	M.D. GALLOWAY	06-FEB-90
PRODUCT SPEC	108-40025	
APPLICATION SPEC	114-40010	
WEIGHT	-	

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME: PLUG ASSEMBLY, SIZE 3, 25 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, AMPLIMITE® HD-20

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-747238	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV Y