DRAWING MADE IN THIRD ANGLE PROJECTION

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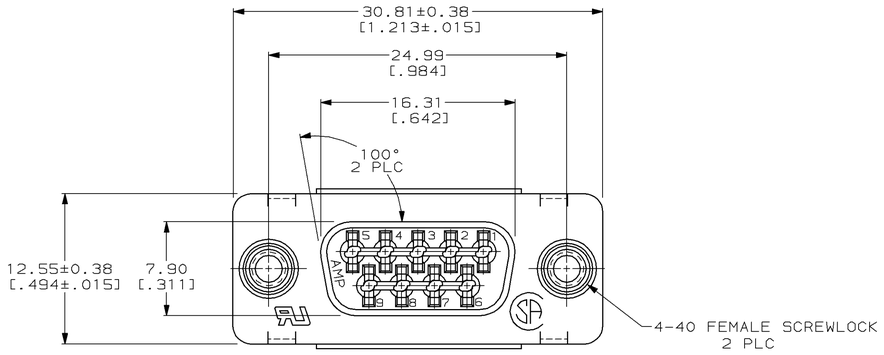
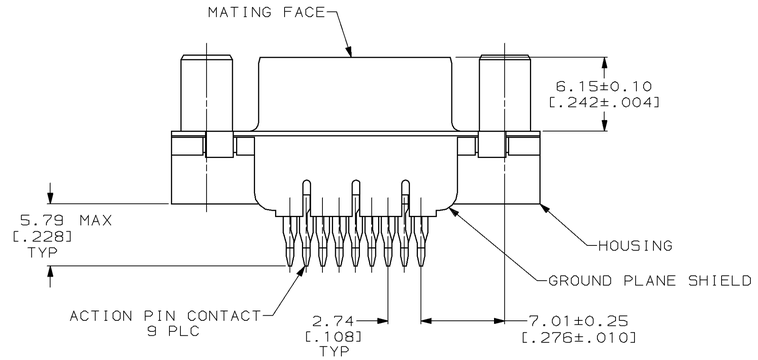
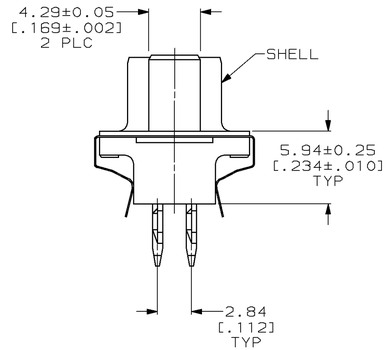
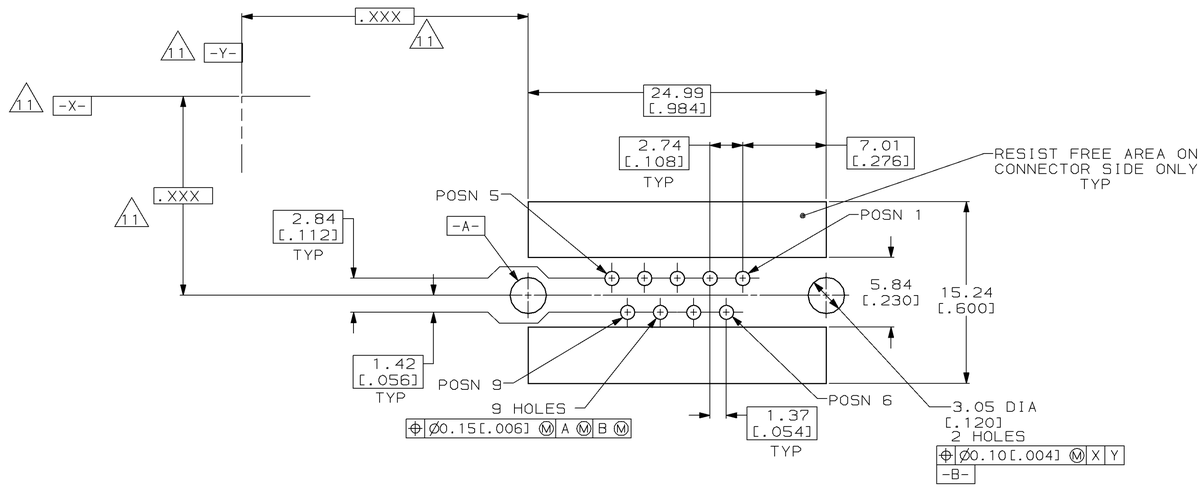
LOC	DIST	P	F
BD	77		

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE	APPD
	0	RLSE NPR 3670, WAS 91-4913-8	08/10/91	–
	A	REV PER EC 0020-1353-93	01/28/94	MP









RECOMMENDED PC BOARD MOUNTING DIMENSIONS △1
CONNECTOR SIDE OF BOARD

△1 RECOMMENDATIONS FOR 2.36 [.093] MIN THICK PC BOARD:
A. HOLE DIAMETER AFTER DRILLING = 1.15±0.03[.045±.001].
B. HOLE DIAMETER AFTER TIN-LEAD PLATING = 0.94[.037]-1.09[.043].
C. HOLE DIAMETER AFTER REFLOW = 0.91[.036]-1.09[.043].
D. PC BOARD PLATING TO BE 0.76µm [.000300] MIN TIN-LEAD OVER 0.05±0.03[.002±.001] COPPER.

△2 NYLON OR POLYESTER, UL 94V-0 RATED, BLACK.

△3 COPPER ALLOY PER ASTM B 122.

△4 CARBON STEEL PER ASTM A 109.

△5 ZINC.

6. GOLD PLATING PER MIL-G-45204, NICKEL PLATING PER QQ-N-290, TIN PLATING PER MIL-T-10727, COPPER PLATING PER MIL-C-14550.

△7 1.27µm [.000050] MIN TIN OVER 0.13µm [.000005] MIN NICKEL STRIKE.

△8 5.08µm [.000200] MIN TIN-LEAD OVER 2.54µm [.000100] MIN COPPER.

△9 0.76µm [.000030] MIN GOLD FOR A LENGTH OF 1.02[.040] MIN FROM MATING END, 2.54µm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 5.79[.228] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.

△10 STAINLESS STEEL PER QQ-S-766.

△11 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.

750906-1
PART NO

DO NOT SCALE PRINT.
UNLESS SPECIFIED
DIMENSIONS IN mm [INCHES]
TOLERANCES ON ,
2 PLC DEC ± 0.13 [.005]
3 PLC DEC ± –
ANGLES ± 2°

MATERIAL
HOUSING: △2 SCREWLOCKS: △5
CONTACTS: △3 SHIELD: △10
SHELL: △4

FINISH
CONTACTS: △9 SHIELD: △7
SHELL: △8

DR 08/10/91 S.WELDON
CHK 8-22-91 R.STONE
APPD 2-22-91 M.PERCHERKE
APPD 8-22-91 J.ASSINI

PRODUCT SPEC 108-40014
APPLICATION SPEC 114-40026
WEIGHT –

AMP Incorporated
Harrisburg, PA 17105-3608

NAME
RECEPTACLE ASSEMBLY, SIZE 1, 9 POSITION, ACTION PIN™, FRONT METAL SHELL AMPLIMITE™ HD-20

SIZE D | CAGE CODE 00779 | DRAWING NO 750906
SCALE 4:1 | SHEET 1 OF 1

CUSTOMER DRAWING

AMP 1756-3 REV 11-89

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