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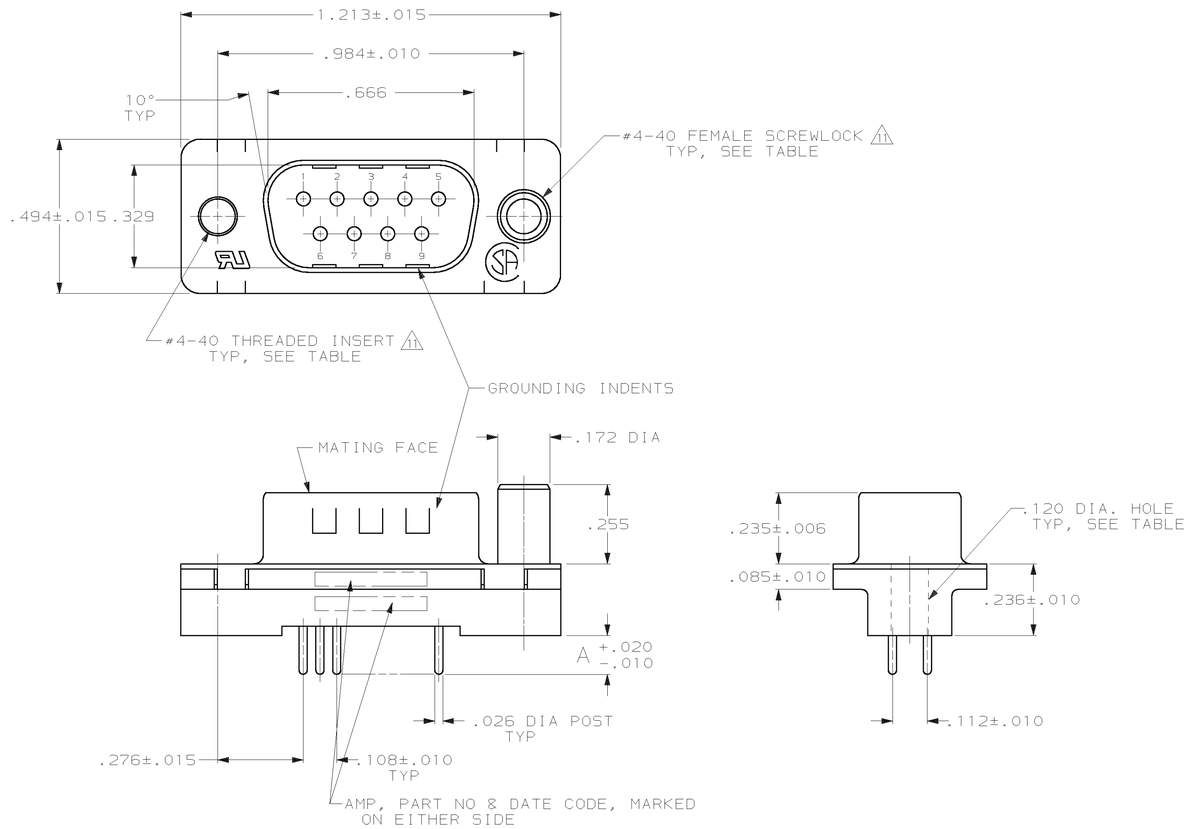
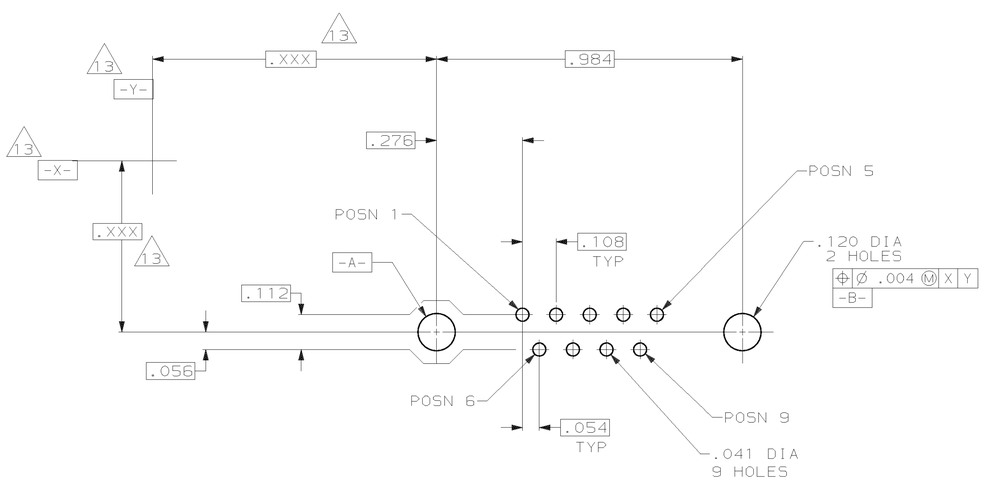
LOC	DIST
BD	77

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	G	SUPSD -1 & -3, OBS -19 PER EC 0020-483-96	16 JAN 97	BC	RT
	H	REV PER EC 0G40-421-98	18 MAR 99	MB	RT
	J	OBSOLETE -15 AND REV PER EC 0U1D-0092-00	30OCT00	DB	DK



1. CONNECTOR MATES WITH ANY 9 POS. RECEPTACLE IN AMPLIMITE SERIES & COMPLIES WITH AMP SPEC. 108-40025 WHERE APPLICABLE.
2. FLAME RETARDANT 94V-0 RATED THERMOPLASTIC; COLOR: BLACK.
3. STEEL PER ASTM A109.
4. BRASS PER MIL-C-50.
5. INSERTS: BRASS PER QQ-B-626, SCREWLOCKS: ZINC.
6. GOLD PLATING PER MIL-G-45204, TIN PLATING PER MIL-T-10727, NICKEL PLATING PER QQ-N-290.
7. .000200-.000400 BRIGHT TIN.
8. INSERTS: UNPLATED, SCREWLOCKS: UNPLATED.
9. GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, GOLD FLASH IN MATED AREA, .000100 MIN TIN OR TIN-LEAD FOR A LENGTH OF DIMENSION A FROM OPPOSITE END, ALL OVER .000050 MIN NICKEL.
10. GOLD PLATED FOR A LENGTH OF .150 FROM MATING END, .000030 MIN GOLD IN MATED AREA, .000100 MIN TIN OR TIN-LEAD FOR A LENGTH OF DIMENSION A FROM OPPOSITE END, ALL OVER .000050 MIN NICKEL.
11. INSERTS & SCREWLOCKS WILL WITHSTAND 10 IN. LBS. TORQUE AND 50 LBS. PULL OUT FORCE FROM MATING FACE SIDE.
12. HOUSING APPLICATION TEMPERATURE: 215°C MAXIMUM FOR 120 SECONDS MAXIMUM.
13. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
14. SEE APPLICATION SPEC 114-40023.



RECOMMENDED PC BOARD MOUNTING DIMENSIONS

12	OBSOLETE	.120 DIA HOLE WITH FEMALE SCREWLOCKS	9	.125	1-747871-9
	OBSOLETE		10	.250	1-747871-8
	OBSOLETE		9	.250	1-747871-7
			10	.170	1-747871-6
	OBSOLETE		9	.170	1-747871-5
			10	.125	1-747871-4
			9	.125	1-747871-3
	OBSOLETE	.120 DIA HOLE WITH THREADED INSERTS	10	.250	1-747871-2
	OBSOLETE		9	.250	1-747871-1
	OBSOLETE		10	.170	1-747871-0
	OBSOLETE		9	.170	747871-9
			10	.125	747871-8
	OBSOLETE		9	.125	747871-7
	OBSOLETE	.120 DIA. HOLE WITH	10	.250	747871-6
	OBSOLETE		9	.250	747871-5
			10	.170	747871-4
SUPSD BY 747871-4			9	.170	747871-3
			10	.125	747871-2
SUPSD BY 747871-2			9	.125	747871-1
		REMARKS	CONTACT FINISH	A	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED.
0 PLC ±-
1 PLC ±-
2 PLC ±.005
3 PLC ±-
4 PLC ±-
ANGLES ±2°

MATERIAL HOUSING 4, SHELL: 2, CONTACTS: 1, HARDWARE: 5
FINISH 6, SHELL: 7, HARDWARE: 8, CONTACTS: SEE TABLE

DWN S. WELDON 11-25-85
CHK C. RICHARD 11-25-85
APVD R. BRANDT 12-02-85
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

AMP Incorporated
Harrisburg, PA 17105-3608

NAME PLUG ASSEMBLY, SIZE 1, 9 POS, VERTICAL, FRONT SHELL, AMPLIMITE™ HDP

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-747871

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 | REV J