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LOC	DIST
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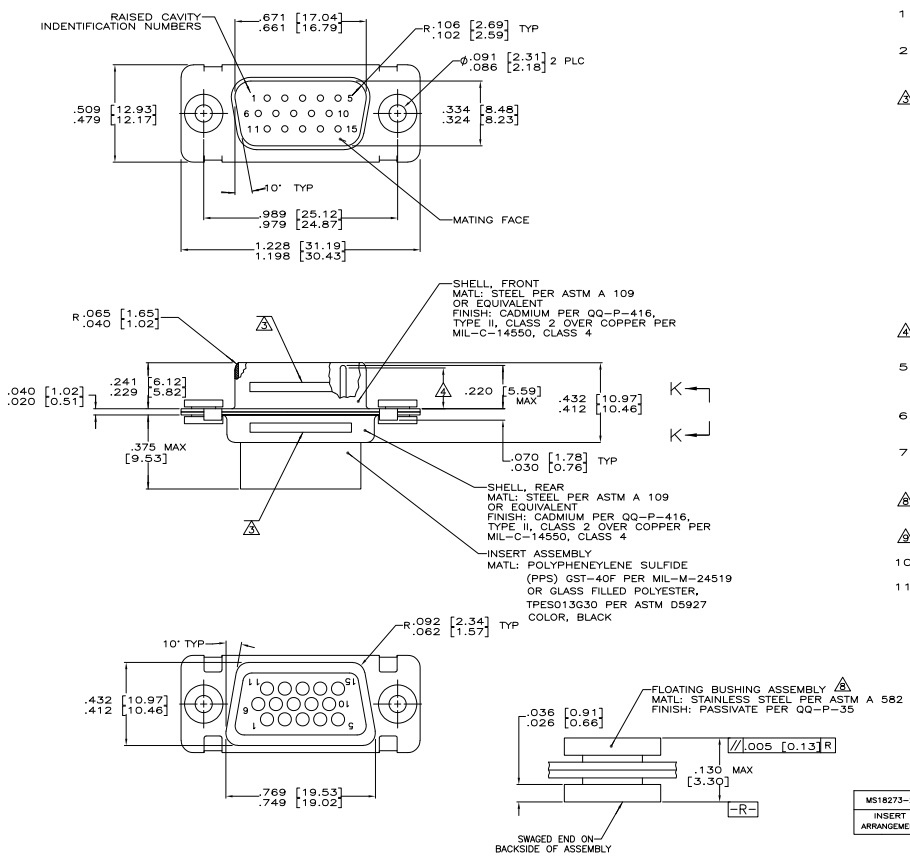
REVISIONS

P	LTR	DESCRIPTION	DATE	DRN	APVD
	C	REV PER ECO-06-018048	05OCT06	PY	DM



1. THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.

2. THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL-C-24308 AND MATES WITH ANY RECEPTACLE CONNECTOR WITH THE SAME INSERT ARRANGEMENT.

3. THE PART NUMBER MARKED ON THE CONNECTOR DIFFERS FROM THE PART NUMBER ORDERED DUE TO THE MARKING REQUIREMENTS OF MIL-C-24308/4 (PART NUMBER MARKED ON CONNECTOR REPRESENTS CONNECTOR ASSEMBLY WITH CONTACTS).
MARK WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS.
FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE.
NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE.
MARKING SHALL BE LOCATED AS FOLLOWS:
   A. "M24308" ON FRONT SHELL, FAR SIDE.
   B. SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
   C. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
   D. AMP PART NUMBER ON REAR SHELL, NEAR SIDE.

IF THE FRONT SHELL IS TOO SMALL FOR "AMP", AMP PART NUMBER AND DATE CODE, THEN SPLIT AS FOLLOWS:
   A. AMP PART NUMBER ON REAR SHELL, NEAR SIDE.
   B. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
   C. MILITARY PART NUMBER ON REAR SHELL, FAR SIDE.

4. FULL PIN DIAMETER EXTENSION IS .164 [4.17] MIN.
CONTACT NOT INCLUDED - SHOWN FOR DIMENSIONAL REFERENCE ONLY.

5. THIS CONNECTOR ASSEMBLY IS DESIGNED TO ACCEPT SIZE 22 CRIMP TYPE PIN CONTACT MILITARY PART NUMBER M39029/58-360 (AMP PART NUMBER 204370-2). FOR ALTERNATE CONTACT OPTIONS CONSULT AMP CATALOG 82069.

6. MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .054 [1.37] DIAMETER.

7. FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO AMP IS 408-7516.
FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO AMP IS 408-7508.

8. FLOAT SPECIFICATIONS ARE .004 [0.10]-.012 [0.30] VERTICALLY AND .026 [0.66]-.036 [0.91] HORIZONTALLY.

9. PART NUMBER FOR ORDERING.

10. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.

11. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.

MS18273-2	15	1	M24308/4-329F	M24308/4-307F	593031-1	593035-1
INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	PACKAGE 3 MILITARY P/N	MILITARY P/N 3 ON CONNECTOR	AMP P/N ON CONNECTOR 3	PART NUMBER 9

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES
TOLERANCE UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
ANGLES ± -
MATERIAL: SEE CALLOUTS
FINISH: SEE CALLOUTS

DR: A.J. GRAFF 10-1-92
CK: R.GILLMAN 10-29-92
APV: F.KINSEY 10-29-92
PRODUCT SPEC: —
APPLICATION SPEC: —
WEIGHT: —

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

TITLE: AMPLIMITE PLUG ASSY WITHOUT SIZE 22 CRIMP TYPE PIN CONTACTS, SERIES 90, FLOATING BUSHING, SHELL SIZE 1

SIZE: A1 | CAGE CODE: 00779 | DRAWING NO: C-593035 | RESTRICTED TO: —

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

AMP 4805 REV 31MW2000

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