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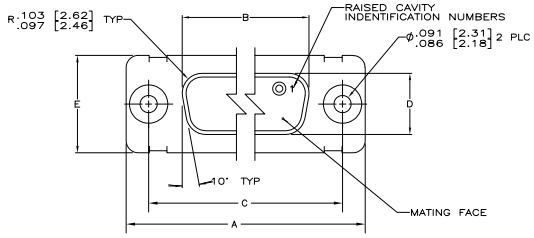
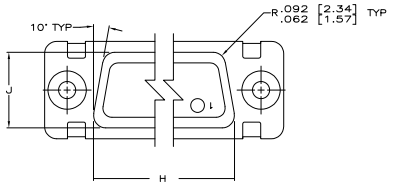
REVISIONS					
LOC	DIST				
—	—	P	LTR	DESCRIPTION	DATE	DBN	APVD
			C	REV PER ECO-06-018048	05OCT06	PY	DM

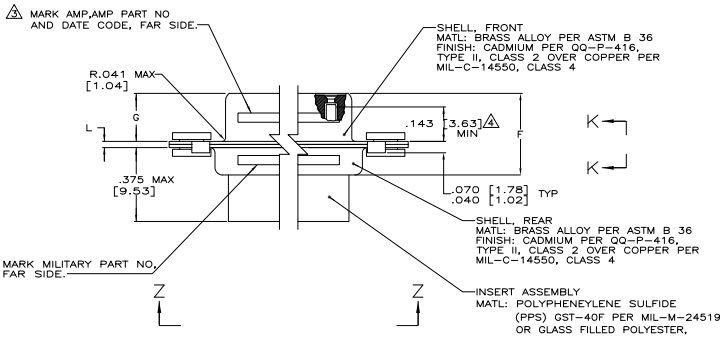


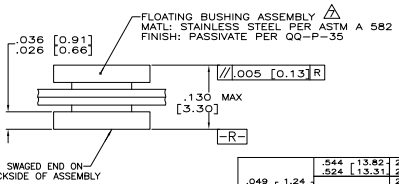


VIEW Z–Z

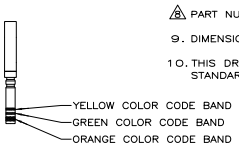
1. THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
2. THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL–C–24308 AND MATES WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
3. THE PART NUMBER MARKED ON THE CONNECTOR DIFFERS FROM THE PART NUMBER ORDERED DUE TO THE MARKING REQUIREMENTS OF MIL–C–24308/6 (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.
   IF THE REAR SHELL IS TOO SMALL FOR THE ENTIRE MILITARY PART NUMBER, 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. POINT OF ELECTRICAL ENGAGEMENT – AS MEASURED WITH A .0295 [0.749] – .0305 [0.775] DIAMETER SQUARE ENDED TEST PIN. CONTACT SHOWN INSTALLED FOR DIMENSIONAL REFERENCE ONLY.
5. MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .054 [1.37] DIAMETER.
6. FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO AMP IS 408–7516. FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO AMP IS 408–7508.
7. FLOAT SPECIFICATIONS ARE .004 [0.10]–.012 [0.30] VERTICALLY AND .026 [0.66]–.036 [0.91] HORIZONTALLY.
8. PART NUMBER FOR ORDERING.
9. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M–1982.
10. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL–STD–100.





VIEW K–K
SCALE 10:1



CONTACT
MIL P/N M39029/57–354
AMP P/N 204351–1

SCALE 1:1
INSTALLATION & REMOVAL TOOL
MIL P/N M81969/1–04
AMP P/N 91067–1
QTY 1

L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	PACKAGE 6 MILITARY P/N	MILITARY P/N 3 ON CONNECTOR	AMP P/N ON CONNECTOR 3	PART NUMBER 6
.049 [1.24 .029 [0.74	.544 [13.82 .524 [13.31	2.188 [55.58 2.168 [55.07	.248 [6.30 .238 [6.05	.439 [11.15 .419 [10.64	.620 [15.75 .590 [14.99	.428 [10.87 .418 [10.62	2.411 [61.24 2.401 [60.99	2.069 [52.55 2.059 [52.30	2.650 [67.31 2.620 [66.55	MS18277–2	78	5	M24308/6–473F	M24308/6–462F	593052–5	593054–5
	.432 [10.97 .412 [10.46	2.282 [57.96 2.262 [57.45			.509 [12.93 .479 [12.17	.316 [8.03 .306 [7.77	2.505 [63.63 2.495 [63.37	2.164 [54.97 2.154 [54.71	2.744 [69.70 2.714 [68.94	MS18276–2	62	4	M24308/6–472F	M24308/6–461F	593052–4	593054–4
		1.635 [41.53 1.615 [41.02					1.857 [47.17 1.847 [46.91	1.516 [38.51 1.506 [38.25	2.103 [53.42 2.073 [52.65	MS18275–2	44	3	M24308/6–471F	M24308/6–460F	593052–3	593054–3
.040 [1.02 .020 [0.51		1.093 [27.76 1.073 [27.25					1.317 [33.45 1.307 [33.20	.976 [24.79 .966 [24.54	1.556 [39.52 1.526 [38.76	MS18274–2	26	2	M24308/6–470F	M24308/6–459F	593052–2	593054–2
		.769 [19.53 .749 [19.02					.989 [25.12 .979 [24.87	.648 [16.46 .638 [16.21	1.228 [31.19 1.198 [30.43	MS18273–2	15	1	M24308/6–469F	M24308/6–458F	593052–1	593054–1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005 [0.13]
4 PLC ± –
ANGLES ± –°
MATERIAL SEE CALLOUTS
FINISH SEE CALLOUTS

DR	J GRAFF	11–17–92
DES	R GILLMAN	11–25–92
APP	F KINSEY	11–25–92

Tyco Electronics Corporation
Harrisburg, PA 17105–3608

TITLE: AMPLIMITE NONMAGNETIC RCPT ASSY WITH SIZE 22 CRIMP SOCKET CONTACTS AND TOOL SERIES 90, FLOATING BUSHING, SIZES 1 THRU 5

PRODUCT SPEC: —
APPLICATION SPEC: —
WEIGHT: —

SIZE	DWG CODE	DRAWING NO	RESTRICTED TO
A1	00779	593054	—

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

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