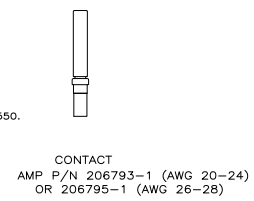
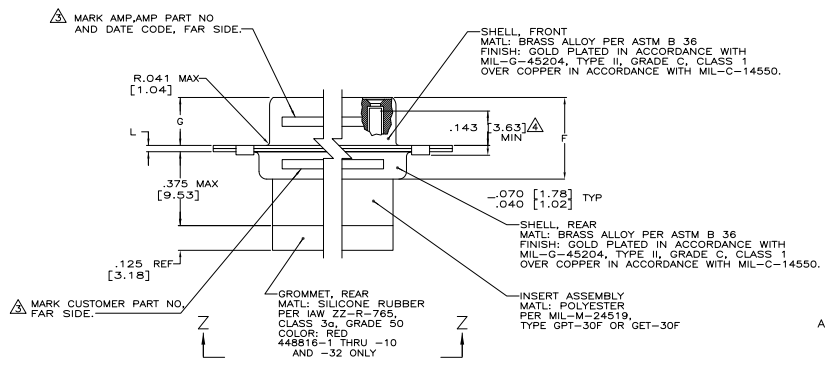
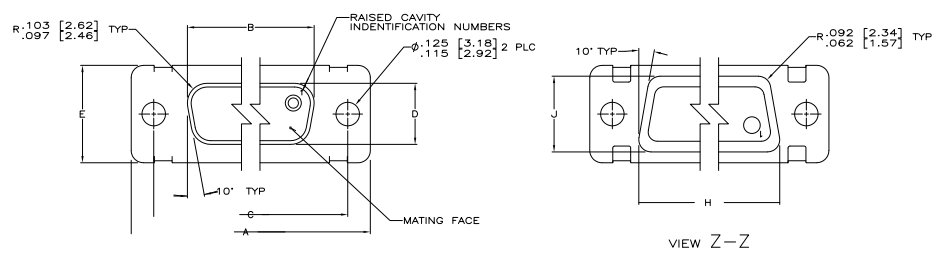


1. THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
2. THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF LORAL SPEC 010772 AND MATES WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
- △ MARK WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS.  
 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 CUSTOMER PART NUMBER, MARKING SHALL BE LOCATED AS FOLLOWS:  
 A. CUSTOMER BASE NUMBER, ON FRONT SHELL, FAR SIDE.  
 B. CUSTOMER 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.
- △ POINT OF ELECTRICAL ENGAGEMENT - AS MEASURED WITH A .039 [0.99] - .041 [1.04] DIAMETER SQUARE ENDED TEST PIN. CONTACT SHOWN INSTALLED FOR DIMENSIONAL REFERENCE ONLY.
5. MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.
6. FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO AMP IS 7516. CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO AMP IS 7508.
8. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
9. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.

PRELIMINARY-NOT RELEASED FOR PRODUCTION	.040 [1.02]	.432 [10.97]	1.093 [27.76]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.317 [33.45]	.976 [24.79]	1.556 [39.52]	MS18274-1	15	2	B010772-0043	3-448816-2	3-448816-2
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.020 [0.51]	.412 [10.46]	1.073 [27.25]	.238 [6.05]	.419 [10.64]	.478 [12.17]	.306 [7.77]	1.307 [33.20]	.966 [24.54]	1.526 [38.76]	MS18277-1	50	5	B010772-0032	1-448816-5	1-448816-5
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.049 [1.24]	.544 [13.82]	2.188 [55.58]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.317 [33.45]	.976 [24.79]	1.556 [39.52]	MS18276-1	37	4	B010772-0030	1-448816-4	1-448816-4
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.029 [0.74]	.524 [13.31]	2.168 [55.07]	.238 [6.05]	.419 [10.64]	.478 [12.17]	.306 [7.77]	1.307 [33.20]	.966 [24.54]	1.526 [38.76]	MS18275-1	25	3	B010772-0028	1-448816-3	1-448816-3
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.040 [1.02]	.432 [10.97]	1.093 [27.76]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.317 [33.45]	.976 [24.79]	1.556 [39.52]	MS18274-1	15	2	B010772-0028	1-448816-2	1-448816-2
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.020 [0.51]	.412 [10.46]	1.073 [27.25]	.238 [6.05]	.419 [10.64]	.478 [12.17]	.306 [7.77]	1.307 [33.20]	.966 [24.54]	1.526 [38.76]	MS18277-1	50	5	B010772-0014	1-448816-0	1-448816-0
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.049 [1.24]	.544 [13.82]	2.188 [55.58]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.317 [33.45]	.976 [24.79]	1.556 [39.52]	MS18276-1	37	4	AD10772-0008	448816-9	448816-9
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.029 [0.74]	.524 [13.31]	2.168 [55.07]	.238 [6.05]	.419 [10.64]	.478 [12.17]	.306 [7.77]	1.307 [33.20]	.966 [24.54]	1.526 [38.76]	MS18275-1	25	3	AD10772-0008	448816-8	448816-8
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.040 [1.02]	.432 [10.97]	1.093 [27.76]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.317 [33.45]	.976 [24.79]	1.556 [39.52]	MS18274-1	15	2	AD10772-0004	448816-7	448816-7
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.020 [0.51]	.412 [10.46]	1.073 [27.25]	.238 [6.05]	.419 [10.64]	.478 [12.17]	.306 [7.77]	1.307 [33.20]	.966 [24.54]	1.526 [38.76]	MS18277-1	50	5	AD10772-0002	448816-6	448816-6
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.049 [1.24]	.544 [13.82]	2.188 [55.58]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.317 [33.45]	.976 [24.79]	1.556 [39.52]	MS18276-1	37	4	B010772-0008	448816-4	448816-4
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.029 [0.74]	.524 [13.31]	2.168 [55.07]	.238 [6.05]	.419 [10.64]	.478 [12.17]	.306 [7.77]	1.307 [33.20]	.966 [24.54]	1.526 [38.76]	MS18275-1	25	3	B010772-0006	448816-3	448816-3
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.040 [1.02]	.432 [10.97]	1.093 [27.76]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.317 [33.45]	.976 [24.79]	1.556 [39.52]	MS18274-1	15	2	B010772-0004	448816-2	448816-2
PRELIMINARY-NOT RELEASED FOR PRODUCTION	.020 [0.51]	.412 [10.46]	1.073 [27.25]	.238 [6.05]	.419 [10.64]	.478 [12.17]	.306 [7.77]	1.307 [33.20]	.966 [24.54]	1.526 [38.76]	MS18277-1	50	5	B010772-0002	448816-1	448816-1

NO. OF SHELL POS.	NO. OF SHELL SIZE	CUSTOMER P/N ON CONNECTOR	AMP P/N ON CONNECTOR	PART NUMBER
15	2	B010772-0043	3-448816-2	3-448816-2
50	5	B010772-0032	1-448816-5	1-448816-5
37	4	B010772-0030	1-448816-4	1-448816-4
25	3	B010772-0028	1-448816-3	1-448816-3
15	2	B010772-0028	1-448816-2	1-448816-2
50	5	B010772-0014	1-448816-0	1-448816-0
37	4	AD10772-0008	448816-9	448816-9
25	3	AD10772-0008	448816-8	448816-8
15	2	AD10772-0004	448816-7	448816-7
50	5	AD10772-0002	448816-6	448816-6
37	4	B010772-0008	448816-4	448816-4
25	3	B010772-0006	448816-3	448816-3
15	2	B010772-0004	448816-2	448816-2
50	5	B010772-0002	448816-1	448816-1

REV	DATE	DESCRIPTION	BY	APP
DF	DO	SEE SHEET 1	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE: 2-11-03	REV: 2
DESIGNED BY: J. GENZY	DRAWN BY: J. GENZY	CHECKED BY: J. GENZY	DATE: 2-11-03
APPROVED BY: J. GENZY	DATE: 2-11-03	<b>Tyco Electronics</b> Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES UNLESS OTHERWISE SPECIFIED: FRACTIONS DECIMALS ANGLES TOLERANCES: SEE CALLOUTS	PART NAME: AMP/PLATE NONMAGNETIC RECEPTACLE ASSY WITH SIZE 20 CRIMP TYPE SOCKET CONTACTS, SERIES 109, MIL-C-24308 DRAWING NO.: A100779G-448816 CUSTOMER DRAWING	SIZE: A1 DATE: 00779G-448816 SHEET: 2 OF 2	REVISIONS: 2 DATE: 00779G-448816 SHEET: 2 OF 2