


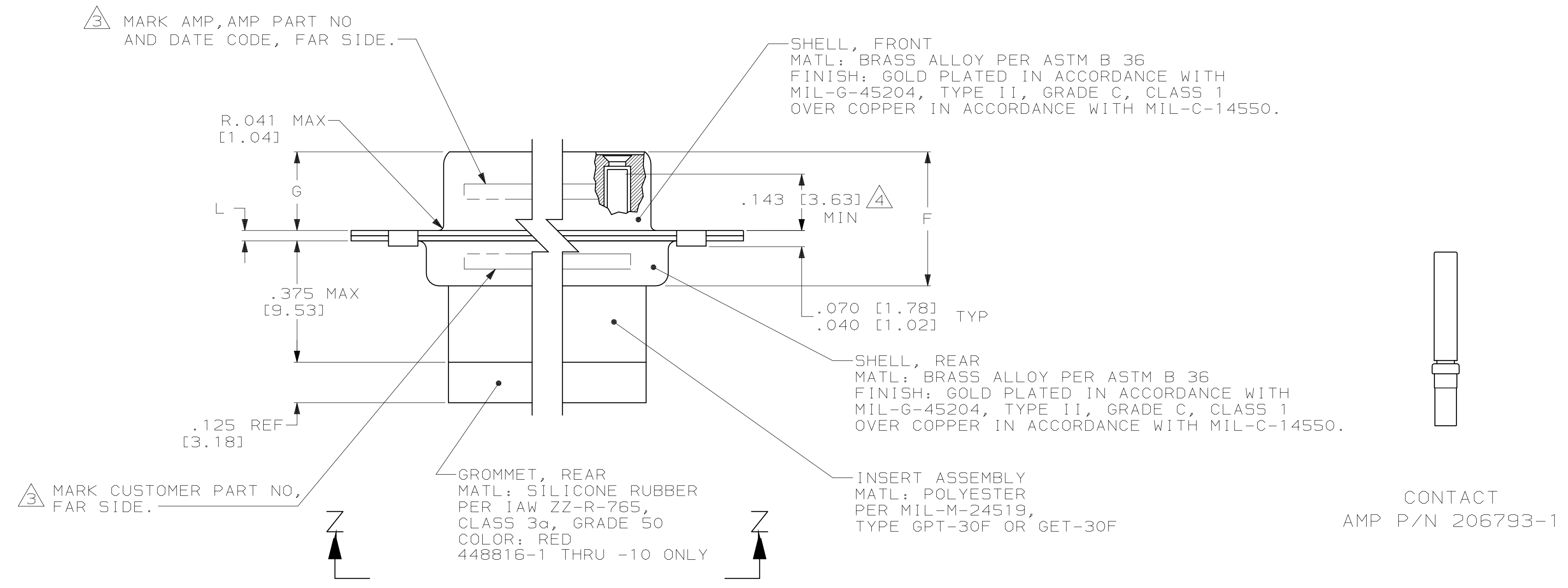
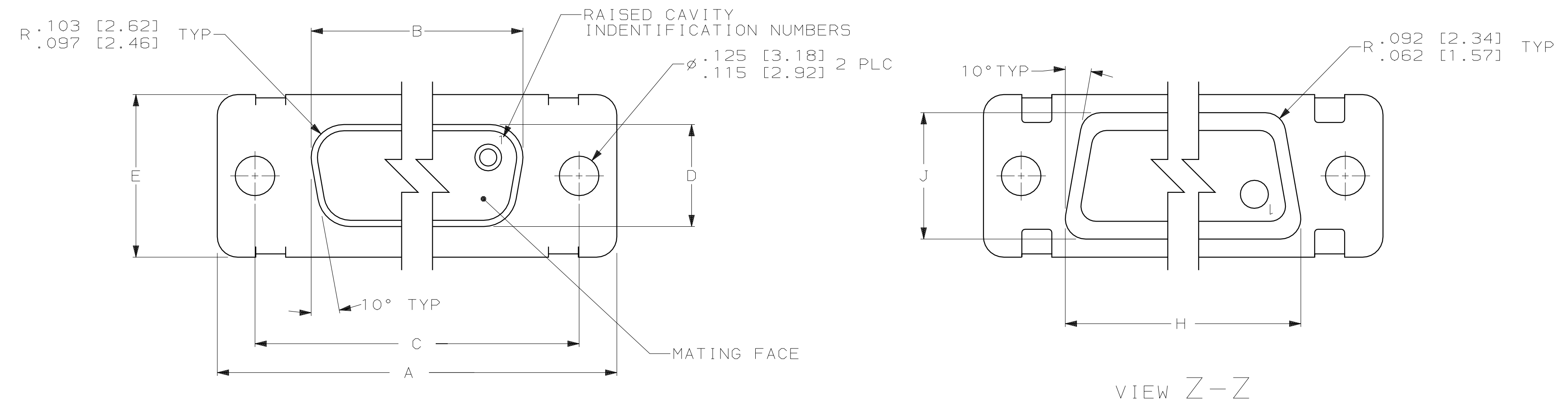
REVISIONS									
LOC	DIST	P	F	ZONE	LTR	DESCRIPTION	DATE	APPD	
					C	REV PER 0H14-0226-04 CT	3-04	LO	

- THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
- 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.
- MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.
- FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO AMP IS 7516. FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO AMP IS 7508.
- DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
- THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.

.049 .029 [1.24 0.74]	.544 [13.82] .524 [13.31]	2.282 [57.96] 2.262 [57.45]	.248 [6.30 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]	MS18277-1	50	5	B010772-0032	1-448816-5	1-448816-5
										2.505 [63.63] 2.495 [63.37]	2.164 [54.97] 2.154 [54.71]	2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4
.040 .020 [1.02 0.51]	.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]	.248 [6.30 6.05]	.439 [11.15] .419 [10.64]	.509 [12.93] .479 [12.17]	.316 [8.03 7.77]	1.857 [47.17] 1.847 [46.91]	1.516 [38.51] 1.506 [38.25]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	B010772-0028	1-448816-3	1-448816-3
										1.317 [33.45] 1.307 [33.20]	.976 [24.79] .966 [24.54]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2
.049 .029 [1.24 0.74]	.544 [13.82] .524 [13.31]	2.282 [57.96] 2.262 [57.45]	.248 [6.30 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]	MS18277-1	50	5	A010772-0010	1-448816-0	1-448816-0
										2.505 [63.63] 2.495 [63.37]	2.164 [54.97] 2.154 [54.71]	2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4
.040 .020 [1.02 0.51]	.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]	.248 [6.30 6.05]	.439 [11.15] .419 [10.64]	.509 [12.93] .479 [12.17]	.316 [8.03 7.77]	1.857 [47.17] 1.847 [46.91]	1.516 [38.51] 1.506 [38.25]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	A010772-0006	448816-8	448816-8
										1.317 [33.45] 1.307 [33.20]	.976 [24.79] .966 [24.54]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2
.049 .029 [1.24 0.74]	.544 [13.82] .524 [13.31]	2.282 [57.96] 2.262 [57.45]	.248 [6.30 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]	MS18277-1	50	5	B010772-0010	448816-5	448816-5
										2.505 [63.63] 2.495 [63.37]	2.164 [54.97] 2.154 [54.71]	2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4
.040 .020 [1.02 0.51]	.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]	.248 [6.30 6.05]	.439 [11.15] .419 [10.64]	.509 [12.93] .479 [12.17]	.316 [8.03 7.77]	1.857 [47.17] 1.847 [46.91]	1.516 [38.51] 1.506 [38.25]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	B010772-0006	448816-3	448816-3
										1.317 [33.45] 1.307 [33.20]	.976 [24.79] .966 [24.54]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2
L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	CUSTOMER P/N ON CONNECTOR	AMP P/N ON CONNECTOR	PART NUMBER

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN INCHES [mm] TOLERANCES ON : 2 PLC DEC ± 3 PLC DEC ± ANGLES ± 1°	DR 2-11-93 AJ GRAFF CHK 2-17-93 F.KINSEY APPD 2-17-93 F.KINSEY	 AMP INCORPORATED Harrisburg, Pa. 17105 NAME AMPLIMITE NONMAGNETIC RECEPTACLE ASSY WITH SIZE 20 CRIMP TYPE SOCKET CONTACTS, SERIES 109, SHELL SIZES 1 THRU 5
MATERIAL SEE CALLOUTS	APPD 2-17-93 F.KINSEY PRODUCT SPEC MIL-C-24308	
FINISH SEE CALLOUTS	APPLICATION SPEC -	SIZE D
WEIGHT	SCALE 4:1	FSCM NO 00779
		DRAWING NO 448816
		SHEET 1 of 1

REVISIONS								
LOC	DIST	P	F	ZONE	LTR	DESCRIPTION	DATE	APPD
DF	DO				C	SEE SHEET #1	-	-



DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN INCHES [mm]	DR 2-11-93 AJ GRAFF	AMP INCORPORATED Harrisburg, Pa. 17105
TOLERANCES ON:	CHK 2-17-93 F.KINSEY	
2 PLC DEC ± -	APPD 2-17-93 F.KINSEY	NAME AMPLIMITE NONMAGNETIC RECEPTACLE ASSY WITH SIZE 20 CRIMP TYPE SOCKET CONTACTS, SERIES 109, SHELL SIZES 1 THRU 5
3 PLC DEC ± -	APPD 2-17-93 F.KINSEY	
ANGLES ± 1°	PRODUCT SPEC MIL-C-24308	SIZE D 00779
SEE CALLOUTS	APPLICATION SPEC -	FSCM NO 00779
FINISH SEE CALLOUTS	WEIGHT -	DRAWING NO 448816
		SCALE 4:1
		SHEET 2 of 2