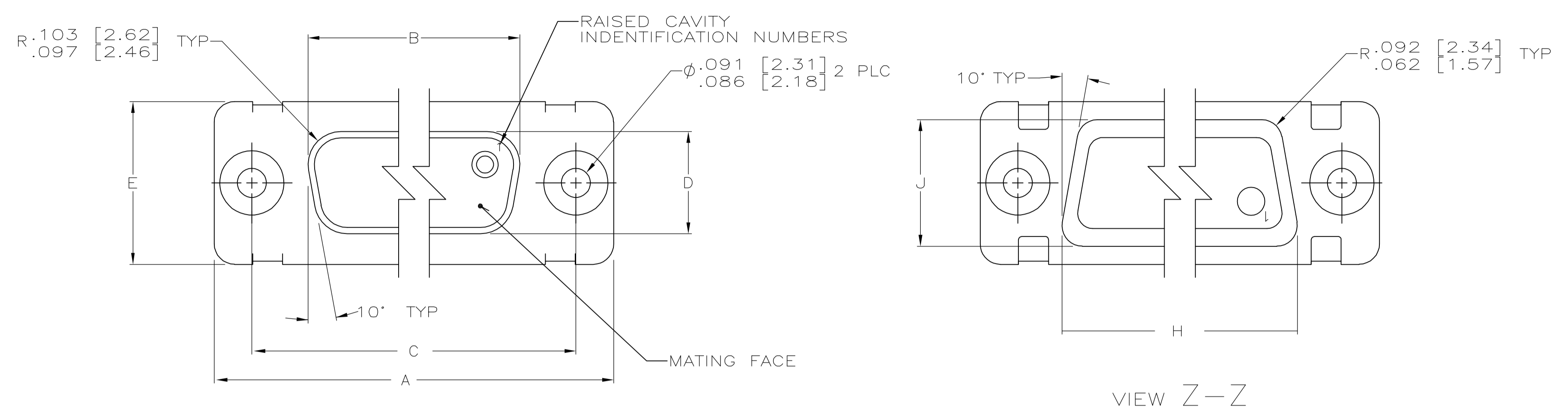
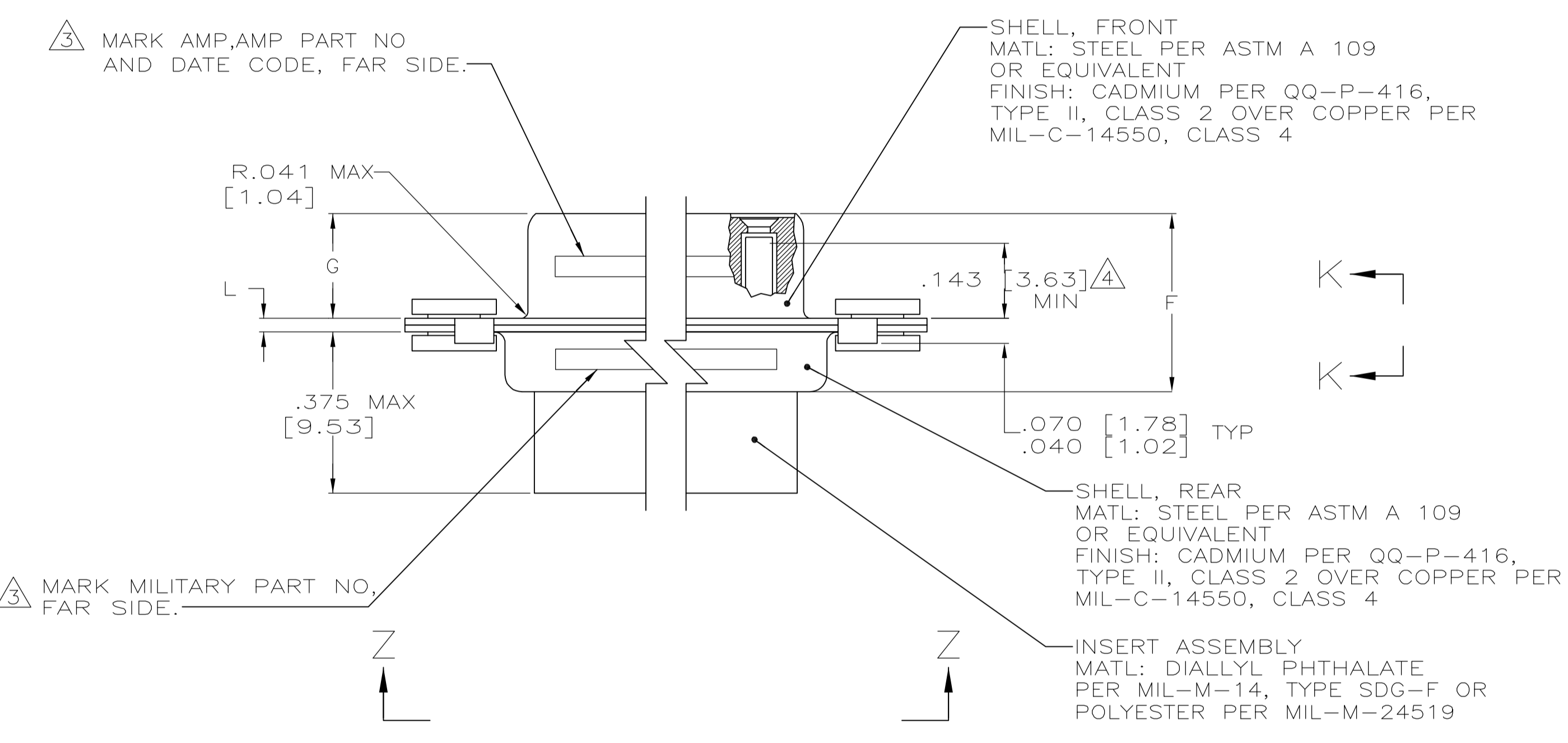


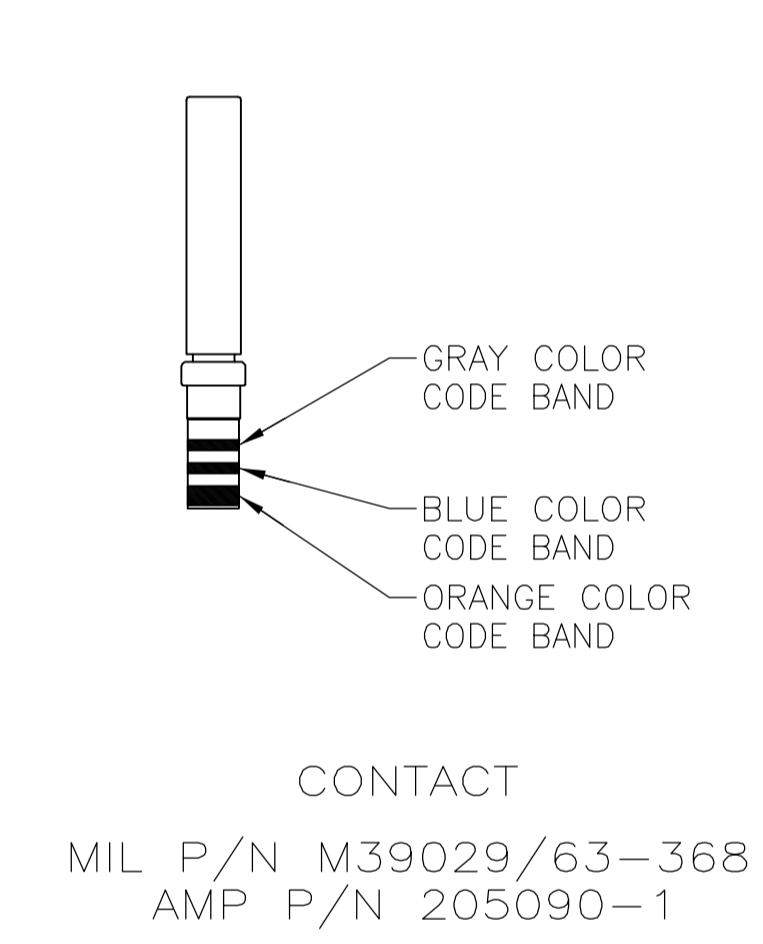
LOC		DIST		REVISIONS			
DF	DO	REV	PER	DESCRIPTION	DATE	BY	APPV
B		REV PER	OH14-0234-04		26JUL04	TK	CT



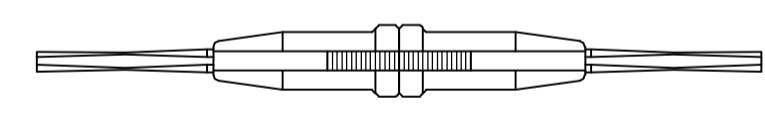
- THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
- THE CONNECTORS DESCRIBED IN THIS DOCUMENT MEET THE REQUIREMENTS OF MIL-C-24308 AND MATE WITH ANY PLUG CONNECTOR WITH THE SAME INSERT ARRANGEMENT.
- THE PART NUMBER MARKED ON THE CONNECTOR DIFFERS FROM THE PART NUMBER ORDERED DUE TO THE MARKING REQUIREMENTS OF MIL-C-24308/2 (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:
 - "M24308" ON FRONT SHELL, FAR SIDE.
 - SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
 - "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 - AMP PART NUMBER ON REAR SHELL, NEAR SIDE.



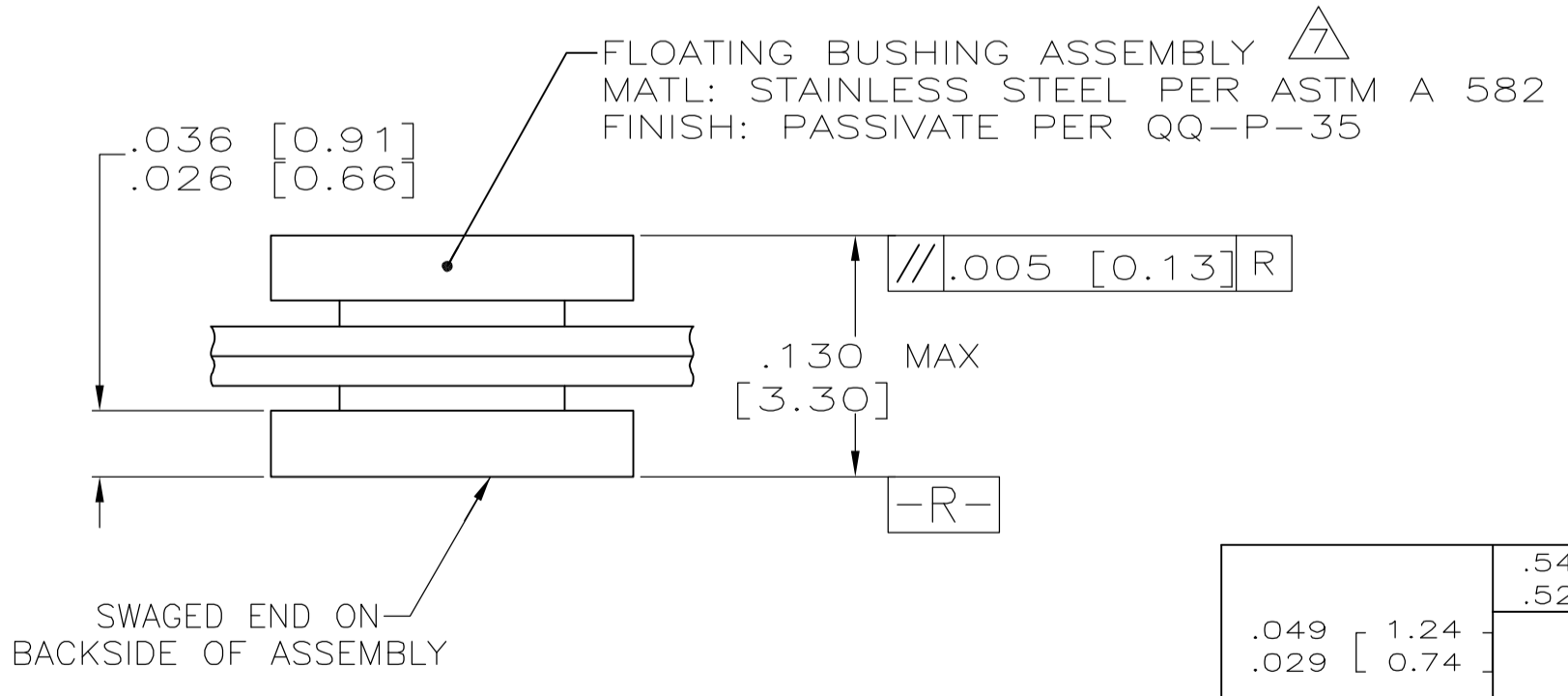
- IF THE FRONT SHELL IS TOO SMALL FOR "AMP", AMP PART NUMBER AND DATE CODE, THEN SPLIT AS FOLLOWS:
- AMP PART NUMBER ON REAR SHELL, NEAR SIDE.
 - "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 - MILITARY PART NUMBER ON REAR SHELL, FAR SIDE.



- 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.
- FLOAT SPECIFICATIONS ARE .004 [0.10]-.012 [0.30] VERTICALLY AND .026 [0.66]-.036 [0.91] HORIZONTALLY.
- PART NUMBER FOR ORDERING.
- DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
- THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.



SCALE 1:1
 INSTALLATION & REMOVAL TOOL
 MIL P/N M81969/1-02
 AMP P/N 91067-2
 QTY 1



VIEW K-K
 SCALE 10:1

L	J	H	G	F	E	D	C	B	A	PACKAGE MILITARY P/N	MILITARY P/N ON CONNECTOR	AMP P/N ON CONNECTOR	PART NUMBER			
.049 [1.24] .029 [0.74]	.544 [13.82] .524 [13.31]	2.188 [55.58] 2.168 [55.07]			.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	M24308/2-357F	M24308/2-346F	593021-5	593023-5
		2.282 [57.96] 2.262 [57.45]			2.505 [63.63] 2.495 [63.37]	2.164 [54.97] 2.154 [54.71]	2.744 [69.70] 2.714 [68.94]	2.103 [53.42] 2.073 [52.65]	MS18276-1	37	4	M24308/2-356F	M24308/2-345F	593021-4	593023-4	
	.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]	.248 [6.30] .238 [6.05]	.439 [11.15] .419 [10.64]	.509 [12.93] .479 [12.17]	.316 [8.03] .306 [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	M24308/2-355F	M24308/2-344F	593021-3	593023-3
.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]	MS18274-1	15	2	M24308/2-354F	M24308/2-343F	593021-2	593023-2
		.769 [19.53] .749 [19.02]					1.317 [33.45] .979 [24.87]	.976 [24.79] .638 [16.21]	1.556 [39.52] 1.198 [30.43]	MS18273-1	9	1	M24308/2-353F	M24308/2-342F	593021-1	593023-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± -	4 PLC ± -	ANGLES ± -
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MATERIAL: SEE CALLOUTS
 FINISH: SEE CALLOUTS

WEIGHT: -
 SIZE: A1
 CUSTOMER DRAWING

DATE: 10-2-92
 BY: AJ GRAFF
 CHK: B GILLMAN
 DATE: 10-7-92
 NAME: F. KINSEY

APPROVED: F. KINSEY
 PRODUCT SPEC: MIL-C-24308
 APPLICATION SPEC: -

TYCO Electronics
 Tyco Electronics Corporation
 Harrisburg, Pa 17105-3608

AMPLIMITE RECEPTACLE ASSY WITH
 SIZE 20 CRIMP TYPE SOCKET CONTACTS
 AND TOOL, SERIES 109, FLOATING BUSHING.

SCALE: 4:1
 SHEET: 1 OF 1
 REV: B