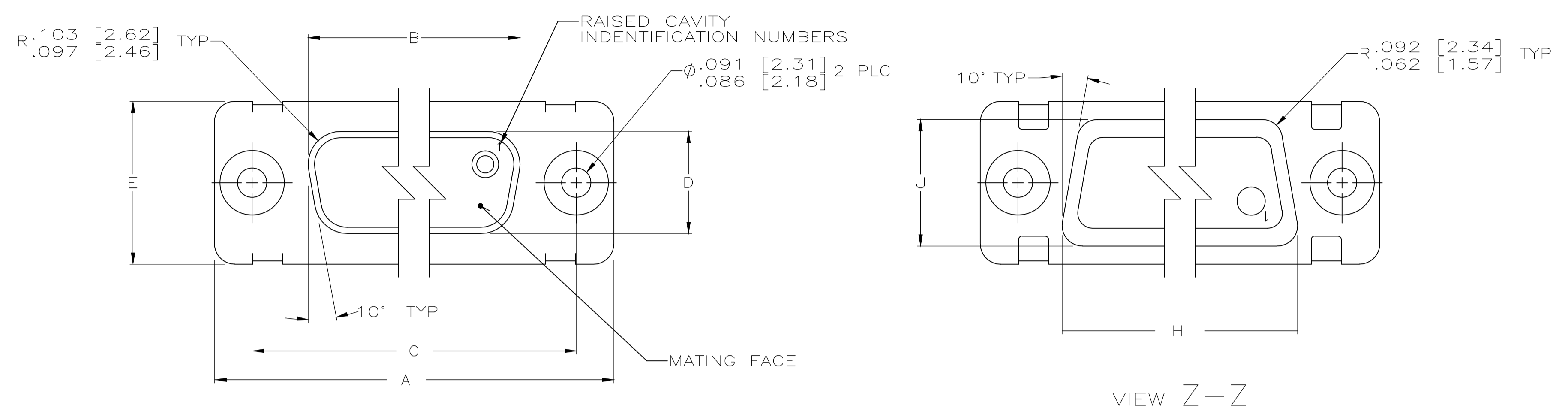
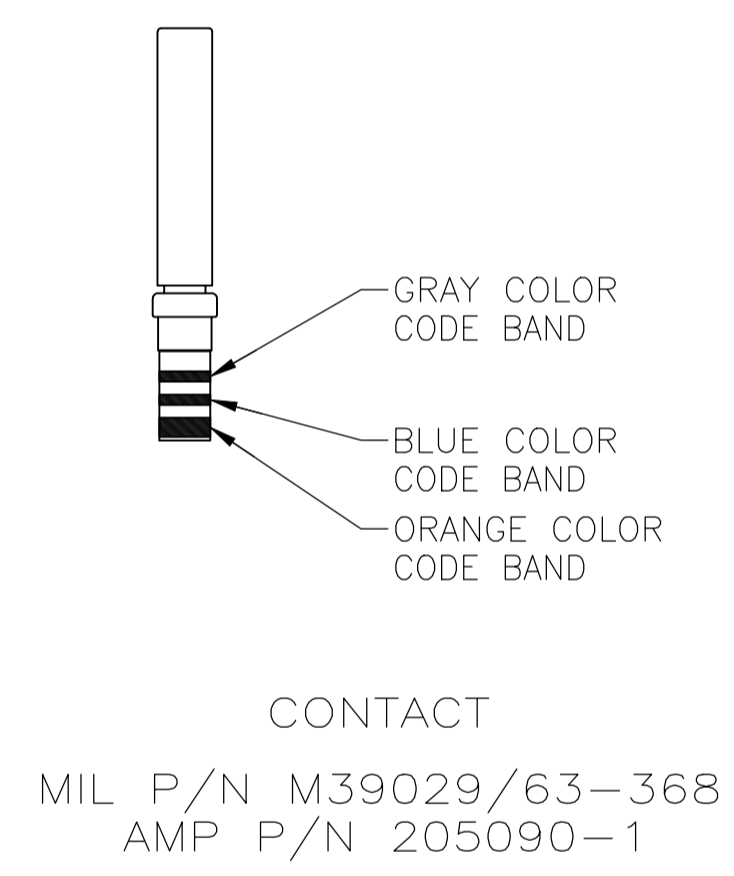
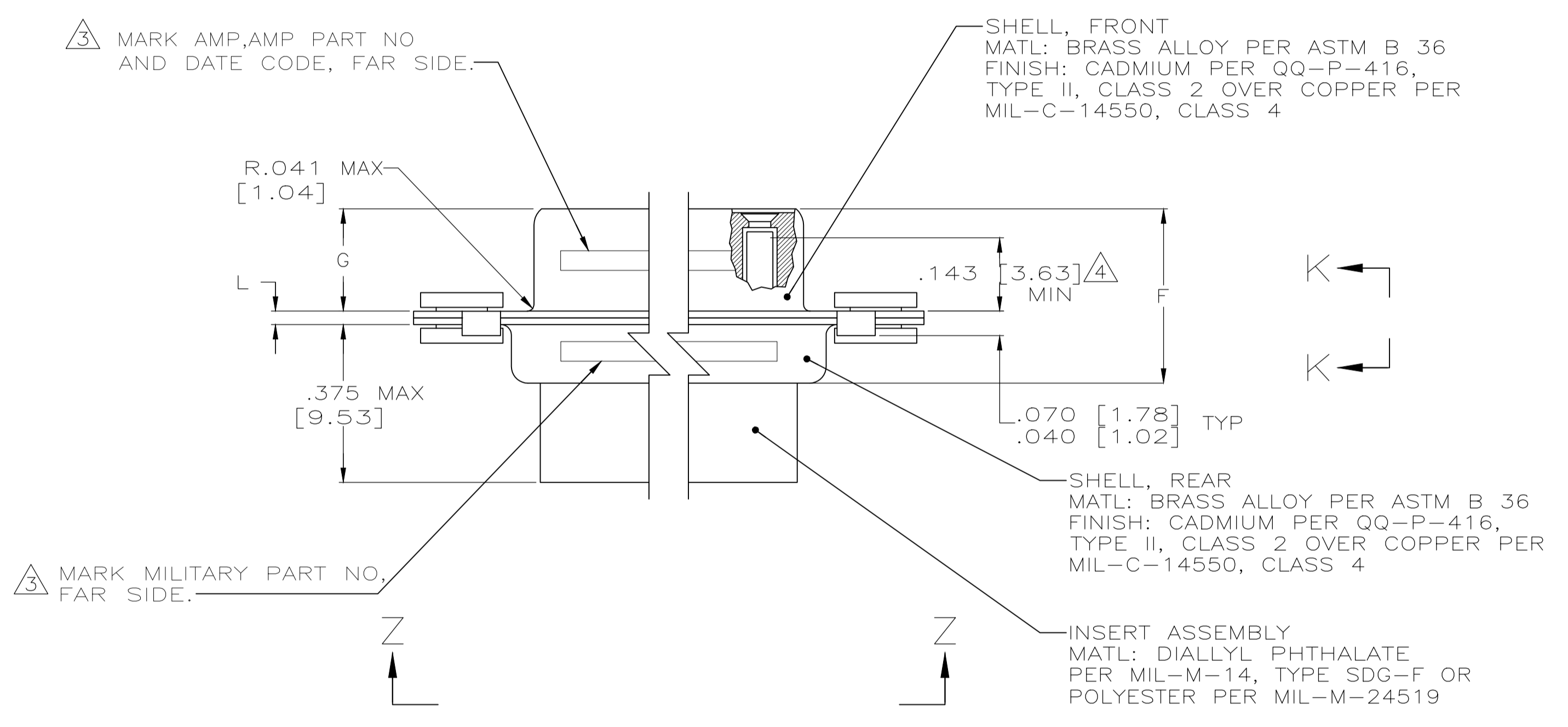


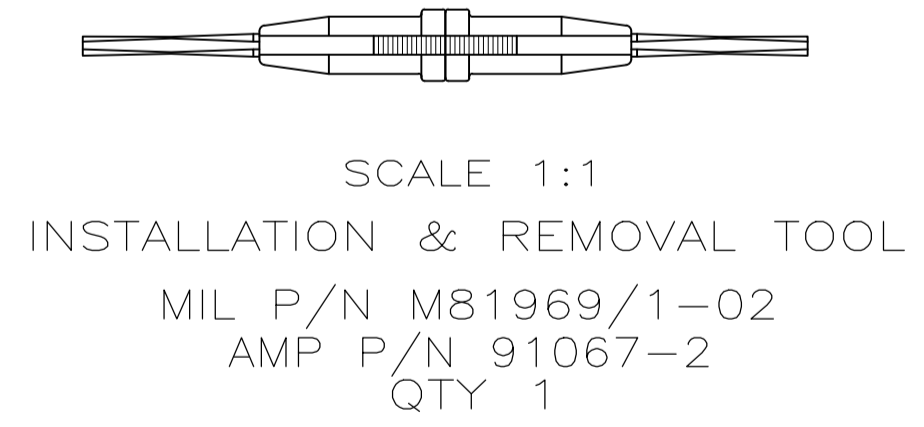
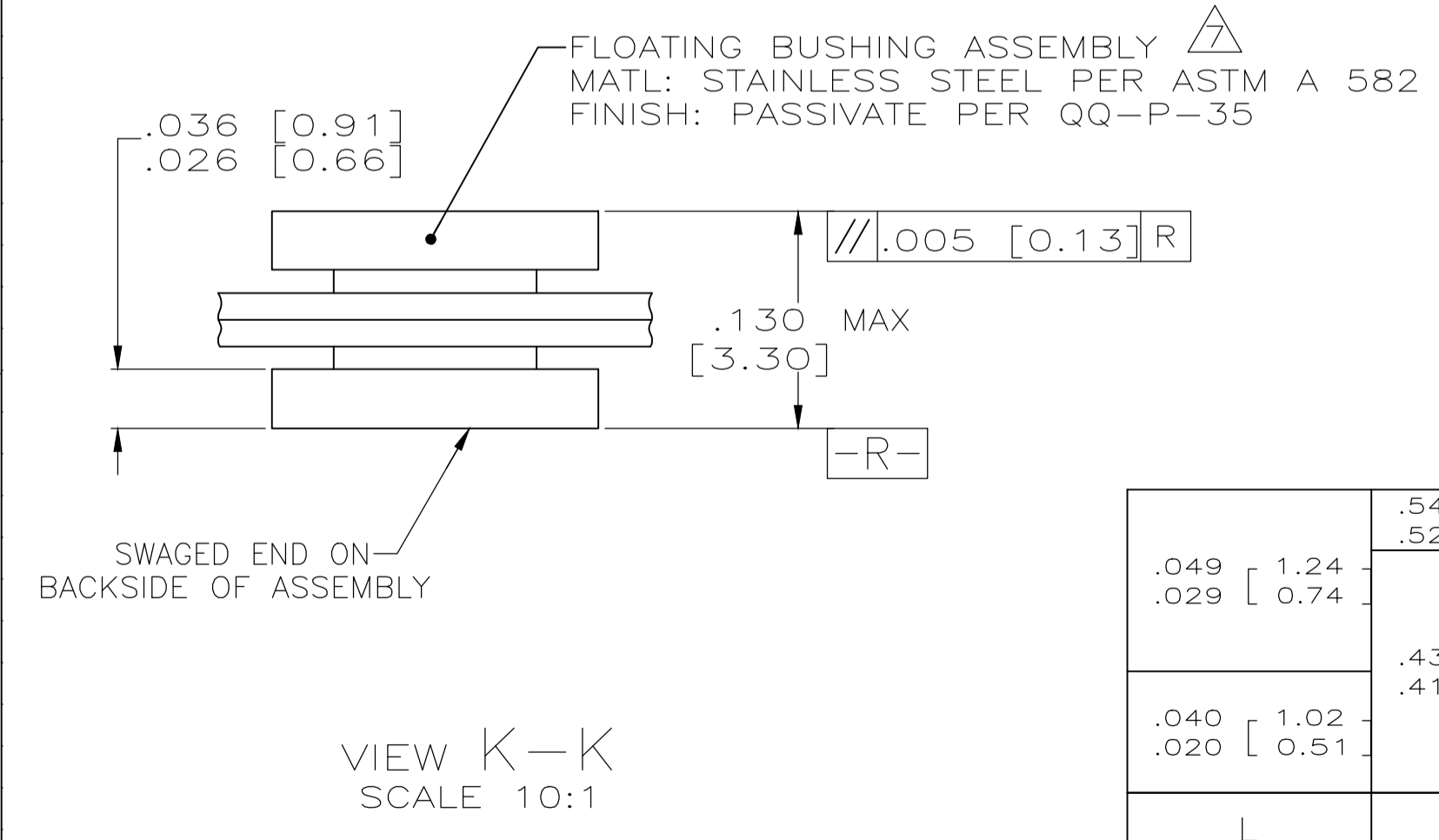
LOC		DIST		REVISIONS			
DF	DO	P	LTR	DESCRIPTION	DATE	DMN	APVD
C				REVISED PER ECO-15-015047	26OCT15	RS	CT



- THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
- THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL-C-24308 AND MATES WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
- THE PART NUMBER MARKED ON THE CONNECTOR DIFFERS FROM THE PART NUMBER ORDERED DUE TO THE MARKING REQUIREMENTS OF MIL-C-24308/6 (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:
 - "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 408-7516. FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO AMP IS 408-7508.
- 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.



L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	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	M24308/6-468F	M24308/6-457F	593051-5	593053-5
		2.282 [57.96] / 2.262 [57.45]			2.505 [63.63] / 2.495 [63.37]	2.164 [54.97] / 2.154 [54.71]	2.505 [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	M24308/6-467F	M24308/6-456F	593051-4	593053-4
	.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	M24308/6-466F	M24308/6-455F	593051-3	593053-3
.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	M24308/6-465F	M24308/6-454F	593051-2	593053-2
		.769 [19.53] / .749 [19.02]					1.989 [50.51] / .979 [24.87]	.648 [16.46] / .638 [16.21]	1.228 [31.19] / 1.198 [30.43]	MS18273-1	9	1	M24308/6-464F	M24308/6-453F	593051-1	593053-1

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: --
SCALE: 4:1
SHEET: 1 OF 1
REV: C

CUSTOMER DRAWING

APPROVED: F. KINSEY
DATE: 11-25-92

NAME: AMPLIMITE NONMAGNETIC RECEPTACLE ASSY WITH SIZE 20 CRIMP TYPE SOCKET CONTACTS AND TOOL, SERIES 109, FLOATING BUSHING, MIL-C-24308

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 593053

TE Connectivity