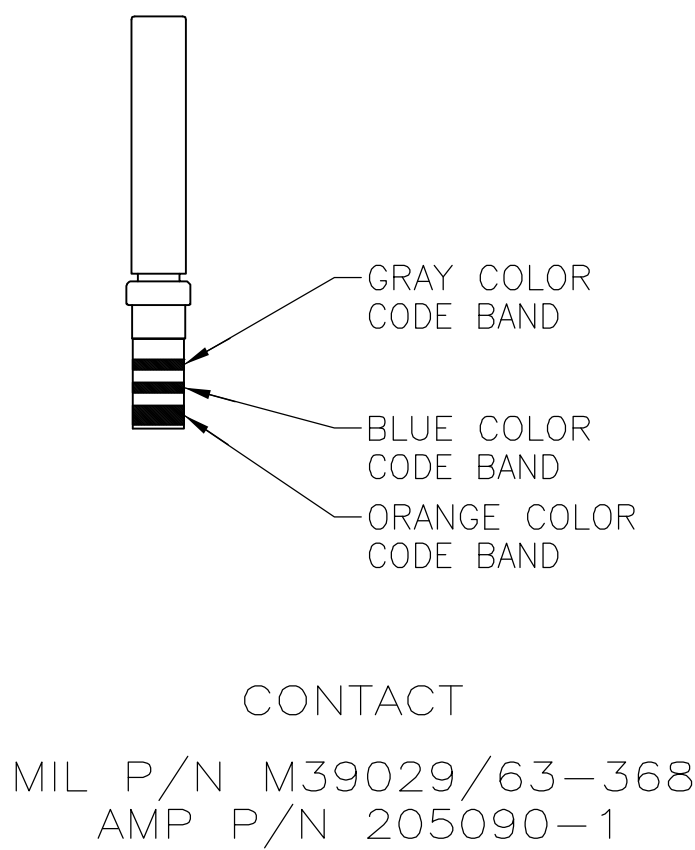
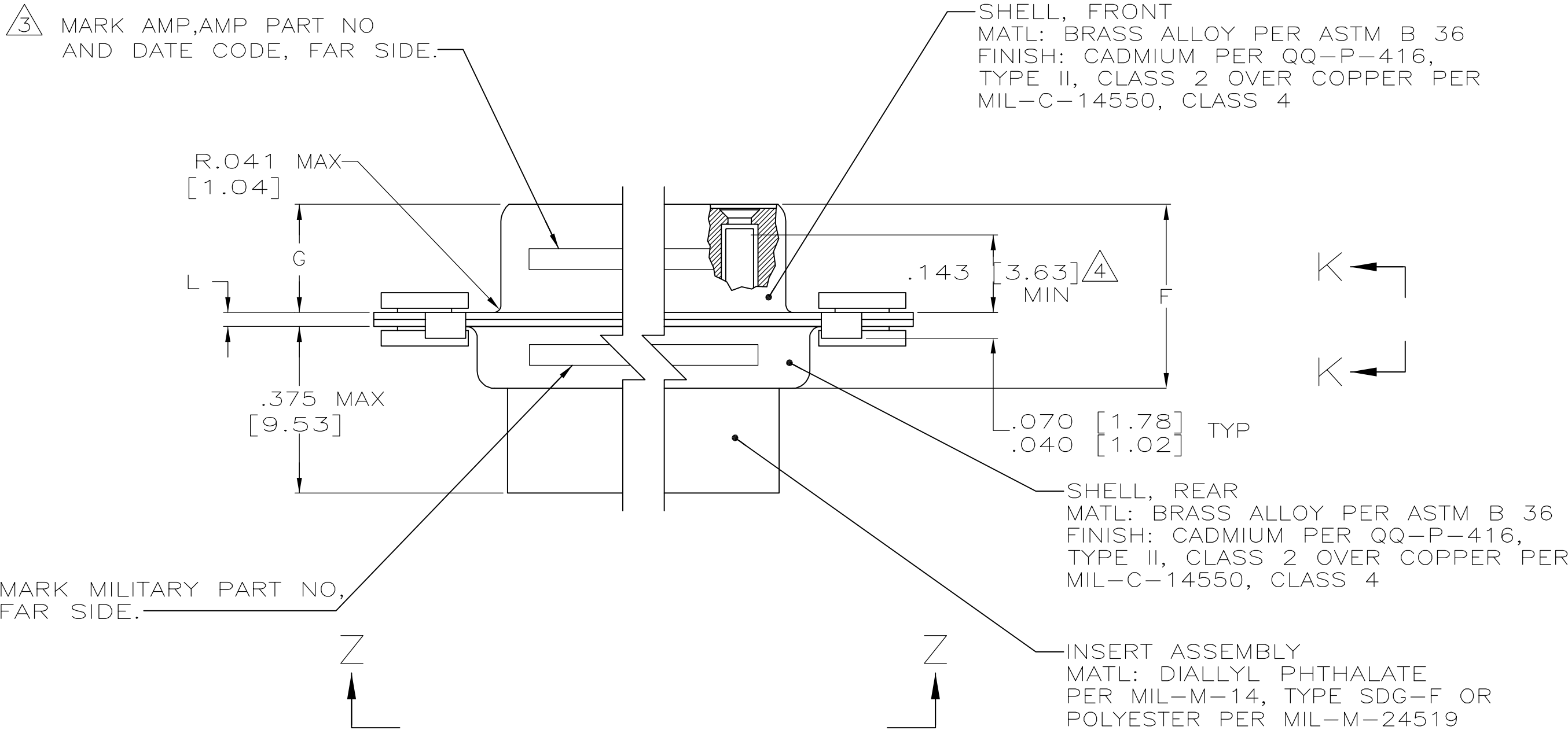
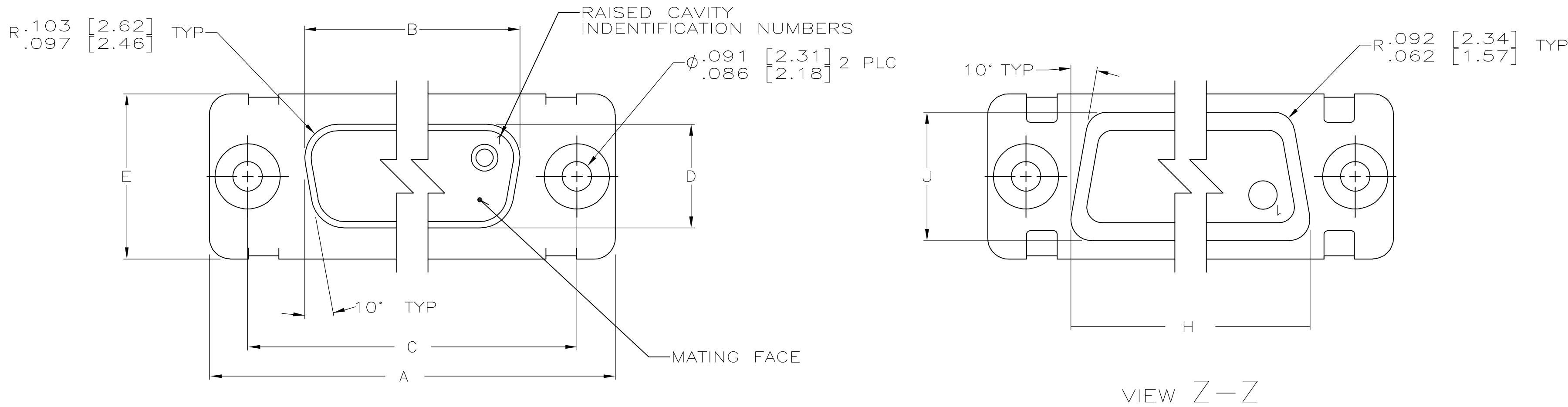


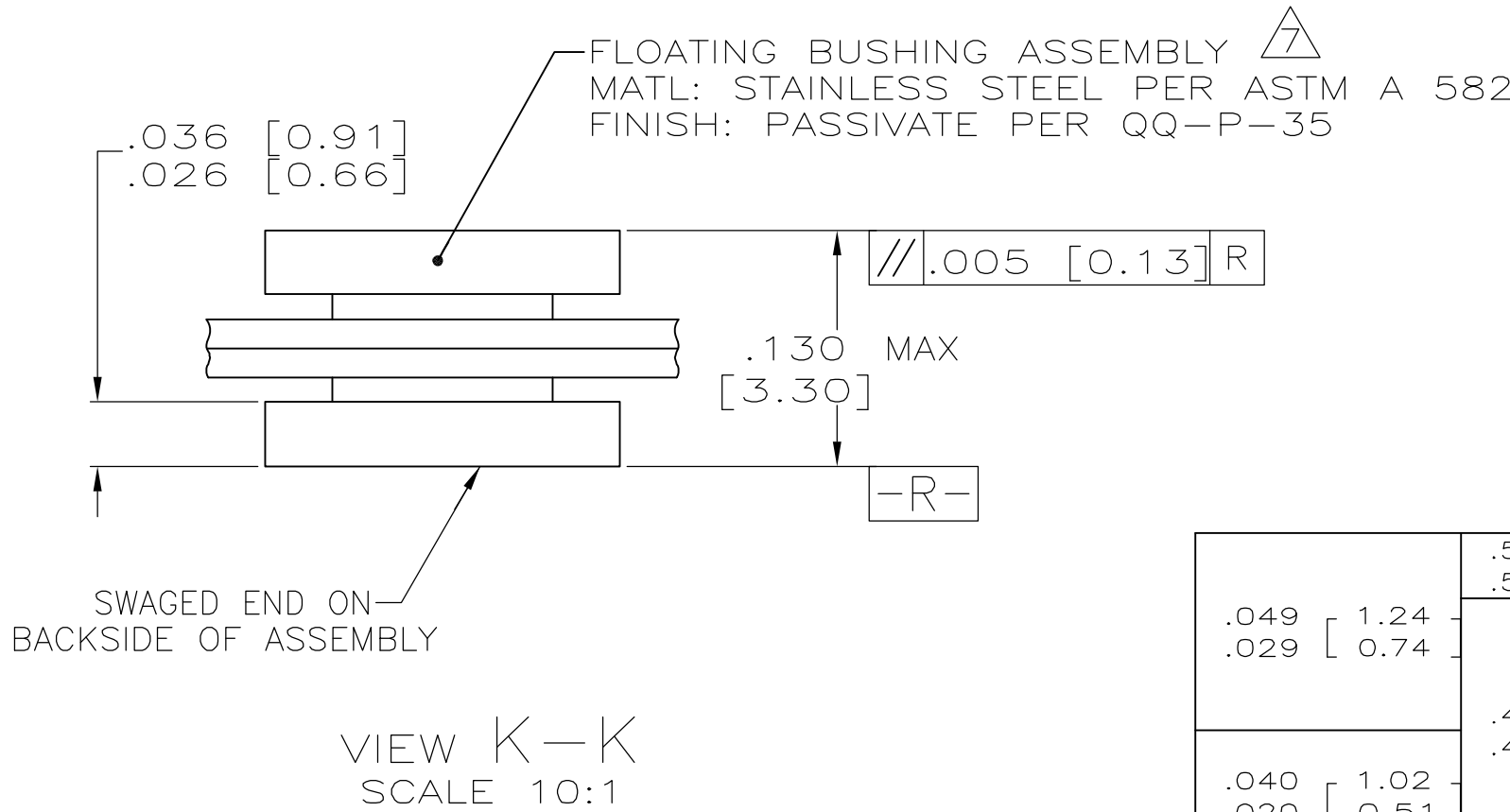
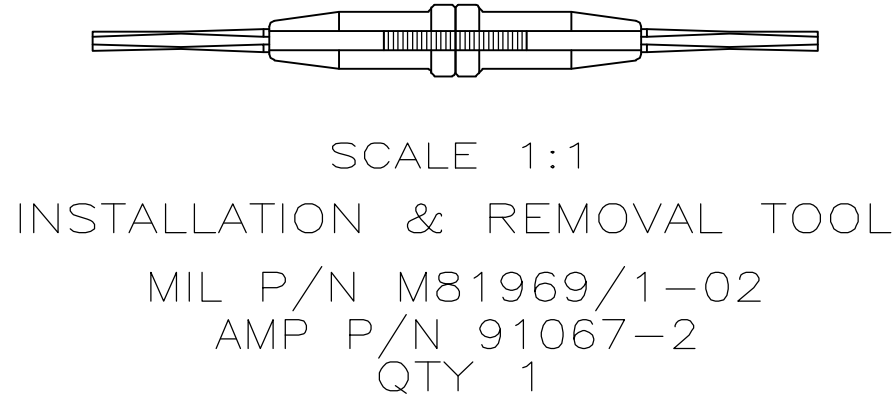
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	DO	B		REV PER OH14-0234-04	26JUL04	TK	CT

D

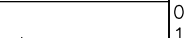


1. THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
2. THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL-C-24308 AND MATES WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
3. THE PART NUMBER MARKED ON THE CONNECTOR DIFFERS FROM THE PART 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 .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 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.



.049 .029	1.24 0.74	.544 [13.82]	2.188 [55.58]			.620 [15.75]	.428 [10.87]	2.411 [61.24]	2.069 [52.55]	2.650 [67.31]	MS18277-1	50	5	M24308/6-468F	M24308/6-457F	593051-5	593053-5			
		.524 [13.31]	2.168 [55.07]			.590 [14.99]	.418 [10.62]	2.401 [60.99]	2.059 [52.30]	2.620 [66.55]										
			2.282 [57.96]					2.505 [63.63]	2.164 [54.97]	2.744 [69.70]										
			2.262 [57.45]					2.495 [63.37]	2.154 [54.71]	2.714 [68.94]										
.040 .020	1.02 0.51	.432 [10.97]	1.635 [41.53]	.248 [6.30]	.439 [11.15]	.509 [12.93]	.316 [8.03]	1.857 [47.17]	1.516 [38.51]	2.103 [53.42]	MS18275-1	25	3	M24308/6-466F	M24308/6-455F	593051-3	593053-3			
		.412 [10.46]	1.615 [41.02]	.238 [6.05]	.419 [11.15]													1.847 [46.91]	1.506 [38.25]	2.073 [52.65]
			1.093 [27.76]															1.317 [33.45]	.976 [24.79]	1.556 [39.52]
			1.073 [27.25]															1.307 [33.20]	.966 [24.54]	1.526 [38.76]
		.769 [19.53]				.989 [25.12]	.648 [16.46]	1.228 [31.19]	MS18273-1	9	1	M24308/6-464F	M24308/6-453F	593051-1	593053-1					
	.749 [19.02]					.979 [24.87]	.638 [16.21]	1.198 [30.43]												
L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	PACKAGE MILITARY P/N ^B	MILITARY P/N ON CONNECTOR ³	AMP P/N ON CONNECTOR ³	PART NUMBER ^B				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN AJ GRAFF 11-17-92	tyco Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
DIMENSIONS: INCHES		CHK B GILLMAN 11-25-92			
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		APVD F KINSEY 11-25-92	NAME AMPLIMITE NONMAGNETIC RECEPTACLE ASSY WITH SIZE 20 CRIMP TYPE SOCKET CONTACTS AND TOOL, SERIES 109, FLOATING BUSHING, MIL-C-24308	
	FINISH SEE CALLOUTS		PRODUCT SPEC MIL-C-24308 ASSEMBLY SPEC		
	MATERIAL SEE CALLOUTS		WEIGHT -		SIZE A1
			CAGE CODE 00779	DRAWING NO 593053	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 4:1	SHEET 1	OF 1	REV B