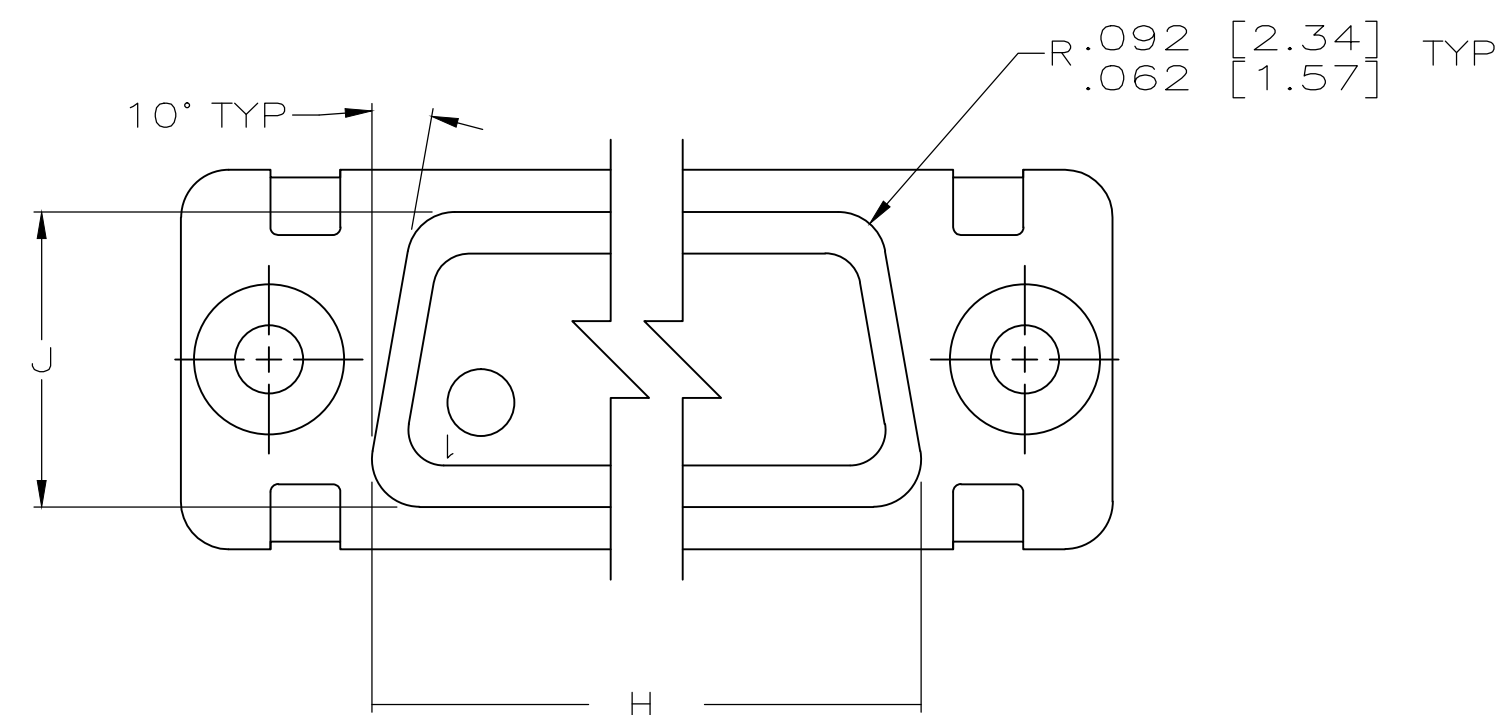
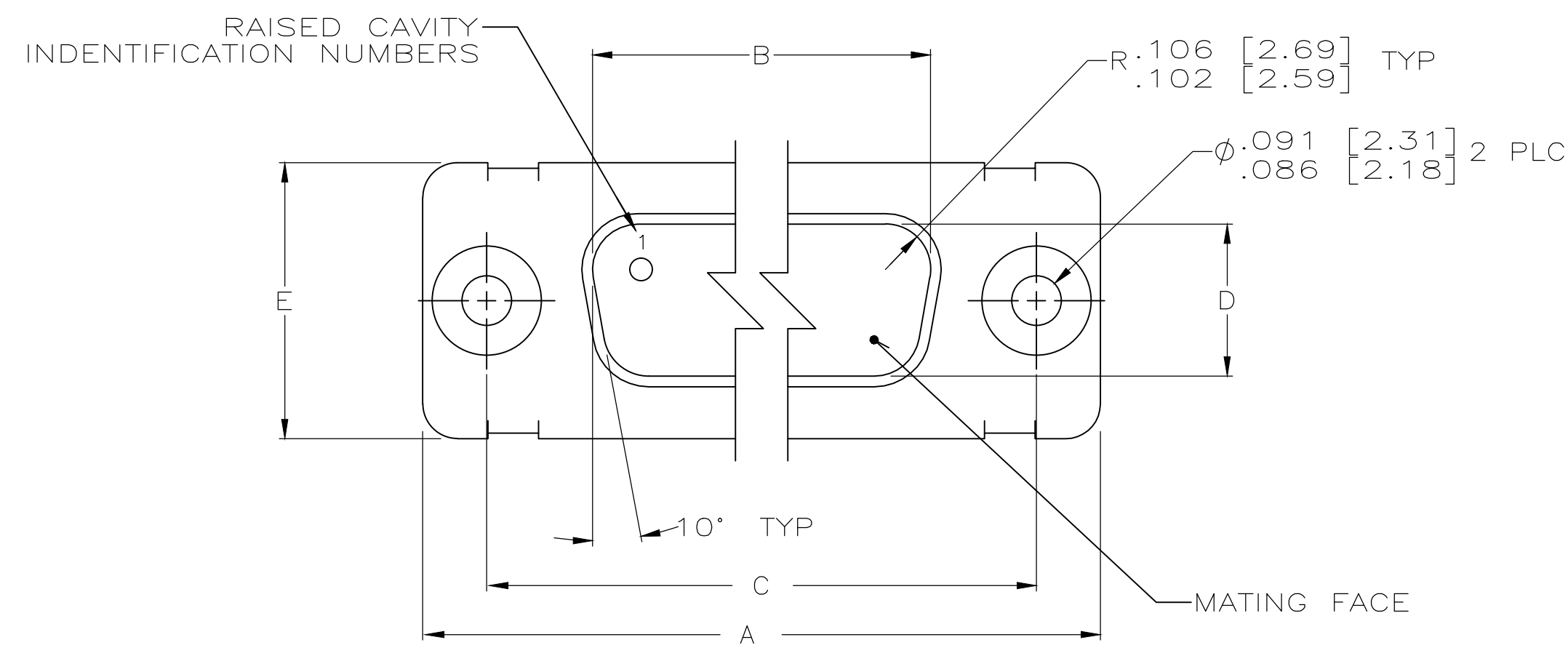
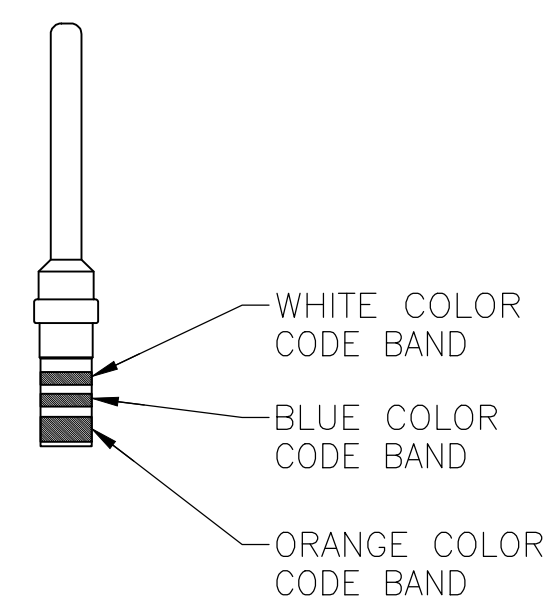
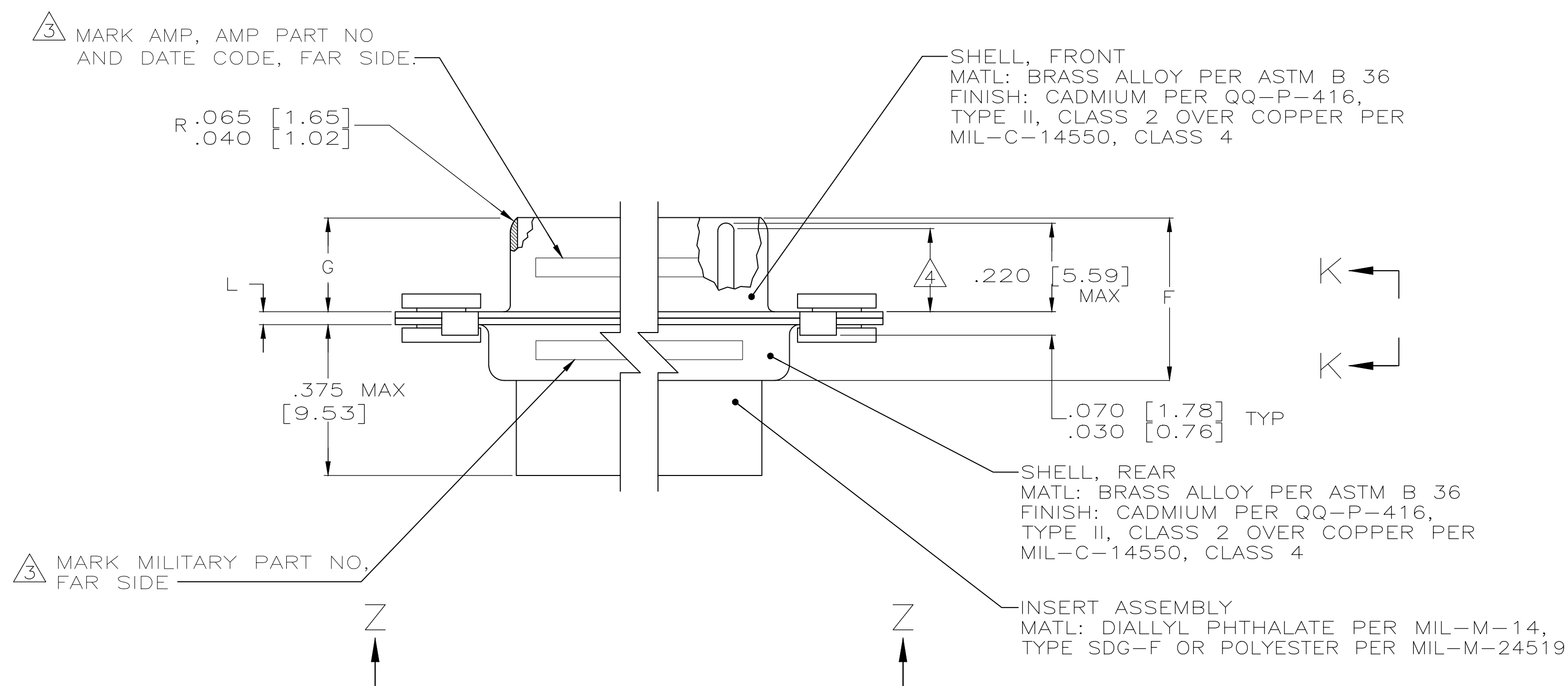




VIEW Z-Z



CONTACT

MIL P/N M39029/64-369
AMP P/N 205089-1

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 RECEPTACLE CONNECTOR WITH THE 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 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. REQUIREMENT FOR FULL PIN DIAMETER EXTENSION:
 .164 [4.17] MIN, SHELL SIZES 1 AND 2.
 .155 [3.94] MIN, SHELL SIZES 3, 4, AND 5.
 CONTACT SHOWN INSTALLED FOR DIMENSIONAL REFERENCE ONLY.

5. MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.

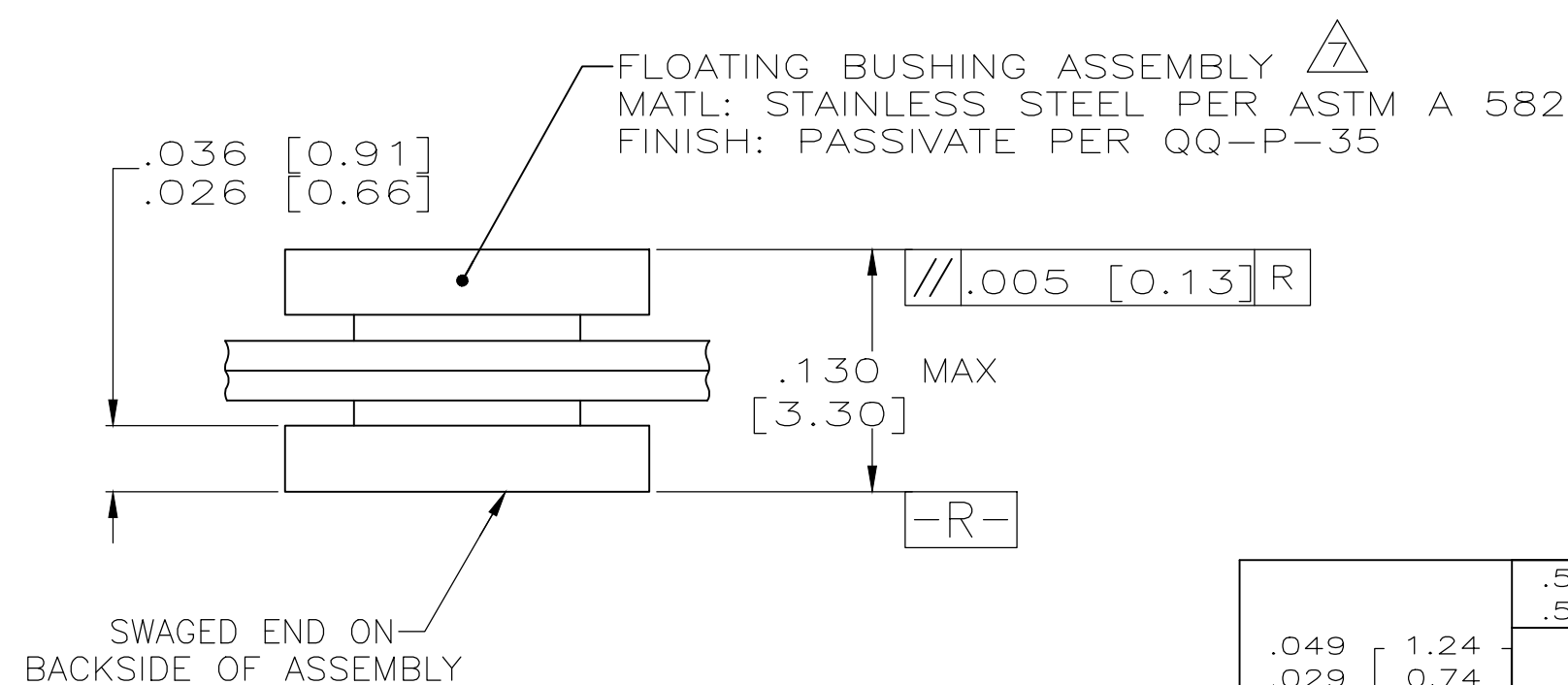
6. FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO AMP IS 408-7516.
FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO
AMP IS 408-7508.

- △ FLOAT SPECIFICATIONS ARE .004 [0.10]–.012 [0.30]
VERTICALLY AND .026 [0.66]–.036 [0.91] HORIZONTALLY.

- △ 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.



VIEW K-K
SCALE 10:1

.049 .029	1.24 0.74	.544 .524	[13.82 13.31]	2.188 2.168	[55.58 55.07]	.236 .224	5.99 5.69	.436 .416	[11.07 10.57]	.620 .590	[15.75 14.99]	.446 .436	[11.33 11.07]	2.411 2.401	[61.24 60.99]	2.084 2.074	[52.93 52.68]	2.650 2.620	[67.31 66.55]	MS18277-1	50	5	M24308/8-306F	M24308/8-306F	593065-5	593065-5
		2.282 2.262	[57.96 57.45]	2.505 2.495	[63.63 63.37]					2.187 2.177	[55.55 55.30]	2.744 2.714	[69.70 68.94]	MS18276-1	37	4	M24308/8-305F	M24308/8-305F	593065-4	593065-4						
		1.635 1.615	[41.53 41.02]	1.857 1.847	[47.17 46.91]					1.539 1.529	[39.09 38.84]	2.103 2.073	[53.42 52.65]	MS18275-1	25	3	M24308/8-304F	M24308/8-304F	593065-3	593065-3						
		1.093 1.073	[27.76 27.25]	1.317 1.307	[33.45 33.20]					.999 .989	[25.37 25.12]	1.556 1.526	[39.52 38.76]	MS18274-1	15	2	M24308/8-303F	M24308/8-303F	593065-2	593065-2						
.040 .020	1.02 0.51	.432 .412	[10.97 10.46]	1.615 1.593	[41.02 40.51]	.241 .229	6.12 5.82	.432 .412	[10.97 10.46]	.509 .479	[12.93 12.17]	.334 .324	[8.48 8.23]	1.847 1.837	[46.91 46.61]	1.529 1.519	[38.84 38.59]	2.073 2.063	[52.65 52.40]	MS18273-1	9	1	M24308/8-302F	M24308/8-302F	593065-1	593065-1
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						

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. 11-30-92 A1 GRAFF QTR 12-4-92 B. GILLMAN APD 12-4-92 F. KINSEY		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLCS ± ANGLES ±		NAME AMPLIMITE NONMAGNETIC PLUG ASSY WITH SIZE 20 CRIMP TYPE PIN CONTACTS, SERIES 109, FLOATING BUSHING,	
		PRODUCT SPEC MIL-C-24308 APPLICATION SPEC —		SIZE A1	
MATERIAL SEE CALLOUTS		FINISH SEE CALLOUTS		CAGE CODE 00779	
		WEIGHT —		DRAWING NO C-593065	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 1 REV C	