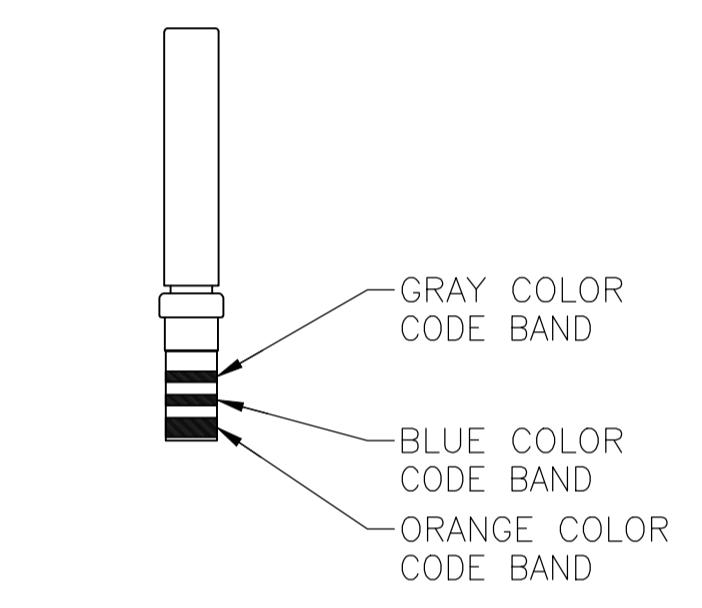
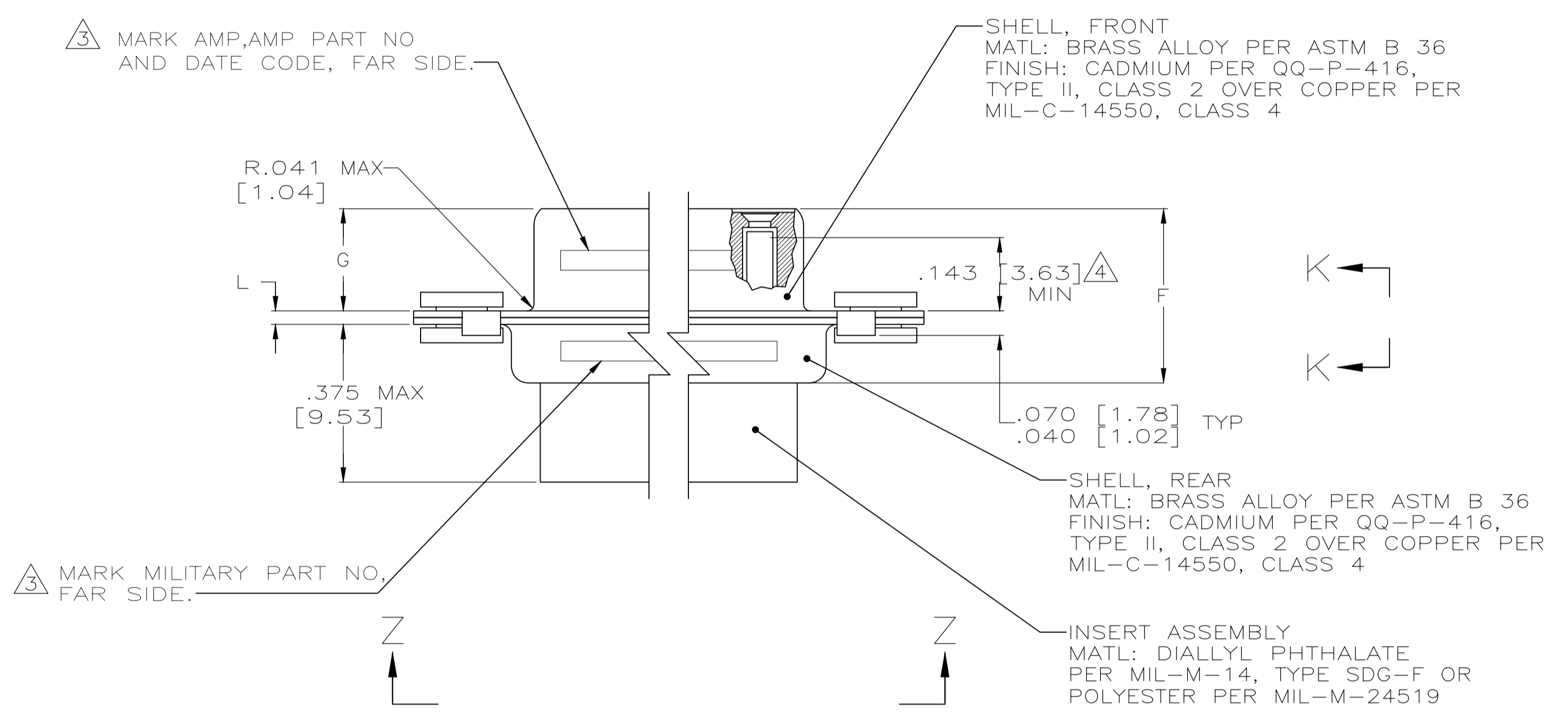


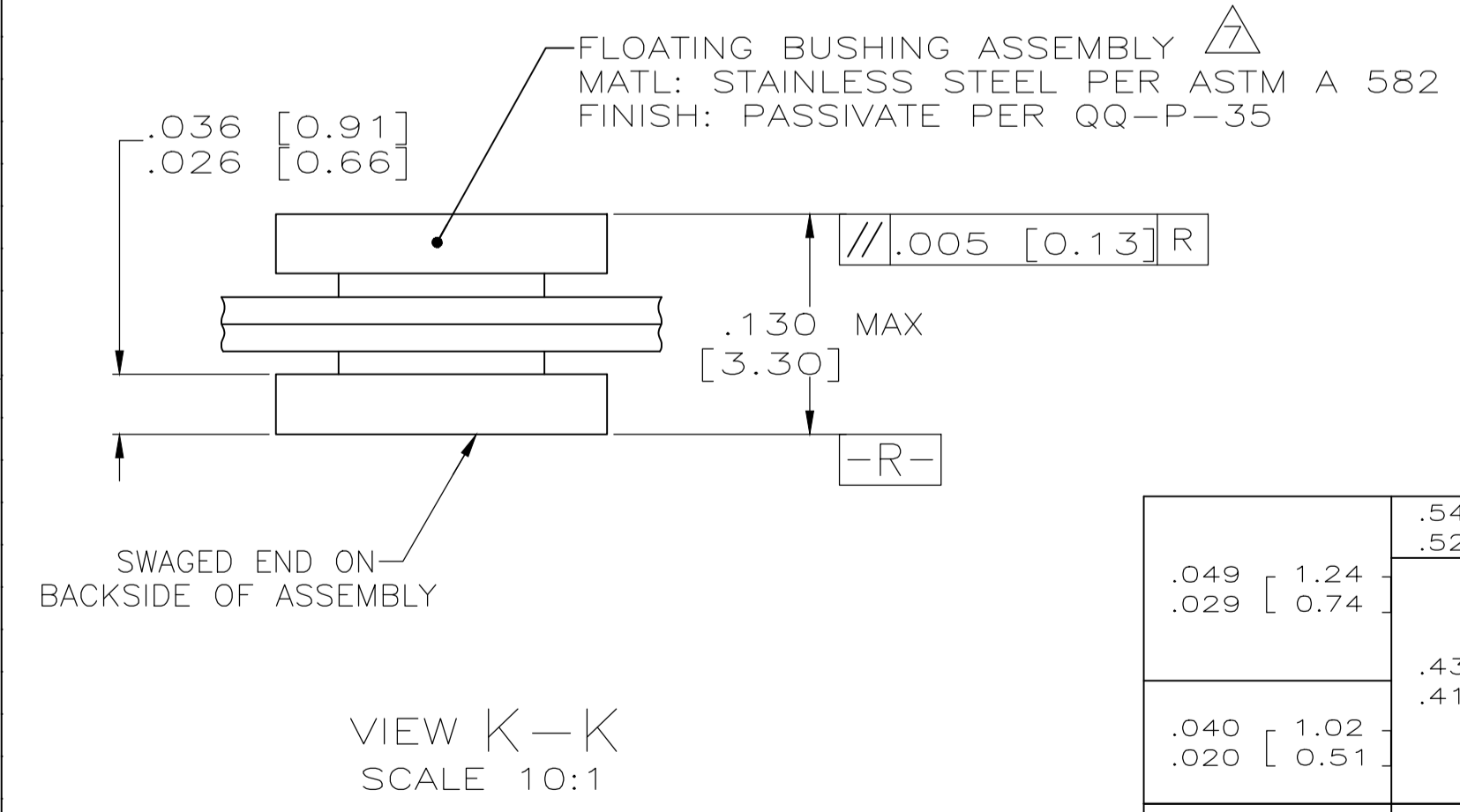
- THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
- THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL-C-24308 AND MATES WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
- THE PART NUMBER MARKED ON THE CONNECTOR DIFFERS FROM THE PART NUMBER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



CONTACT
MIL P/N M39029/63-368
AMP P/N 205090-1

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

- 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.



.049	1.24	.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	M24308/6-274F	M24308/6-263F	593043-5	593045-5
.029	0.74	.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	MS18276-1	37	4	M24308/6-273F	M24308/6-262F	593043-4	593045-4
				2.282	57.96							2.505	63.63	2.164	54.97	2.744	69.70	MS18275-1	25	3	M24308/6-272F	M24308/6-261F	593043-3	593045-3
				2.262	57.45							2.495	63.37	2.154	54.71	2.714	68.94	MS18274-1	15	2	M24308/6-271F	M24308/6-260F	593043-2	593045-2
.040	1.02			1.635	41.53	.248	6.30	.439	11.15			1.857	47.17	1.516	38.51	2.103	53.42	MS18273-1	9	1	M24308/6-270F	M24308/6-259F	593043-1	593045-1
.020	0.51			1.615	41.02	.238	6.05	.419	10.64			1.847	46.91	1.506	38.25	2.073	52.65							
				1.093	27.76			.509	12.93	.316	8.03	1.317	33.45	.976	24.79	1.556	39.52							
				1.073	27.25			.479	12.17	.306	7.77	1.307	33.20	.966	24.54	1.526	38.76							
				.769	19.53							.989	25.12	.648	16.46	1.228	31.19							
				.749	19.02							.979	24.87	.638	16.21	1.198	30.43							
L	J	H	G	F	E	D	C	B	A															

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: F. KINSEY	DATE: 11-18-92
	0 PLC ± -	NAME: B. GILLMAN	DATE: 11-17-92
	1 PLC ± -	DATE: 11-18-92	
	2 PLC ± -		
	3 PLC ± -		
	4 PLC ± -		
	ANGLES ± -		
MATERIAL: SEE CALLOUTS	FINISH: SEE CALLOUTS	WEIGHT: -	SCALE: 4:1
		SIZE: A1	SHEET: 1 OF 1
		DRAWING NO: 00779	REV: C
		CAGE CODE: 593045	
		CUSTOMER DRAWING	

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