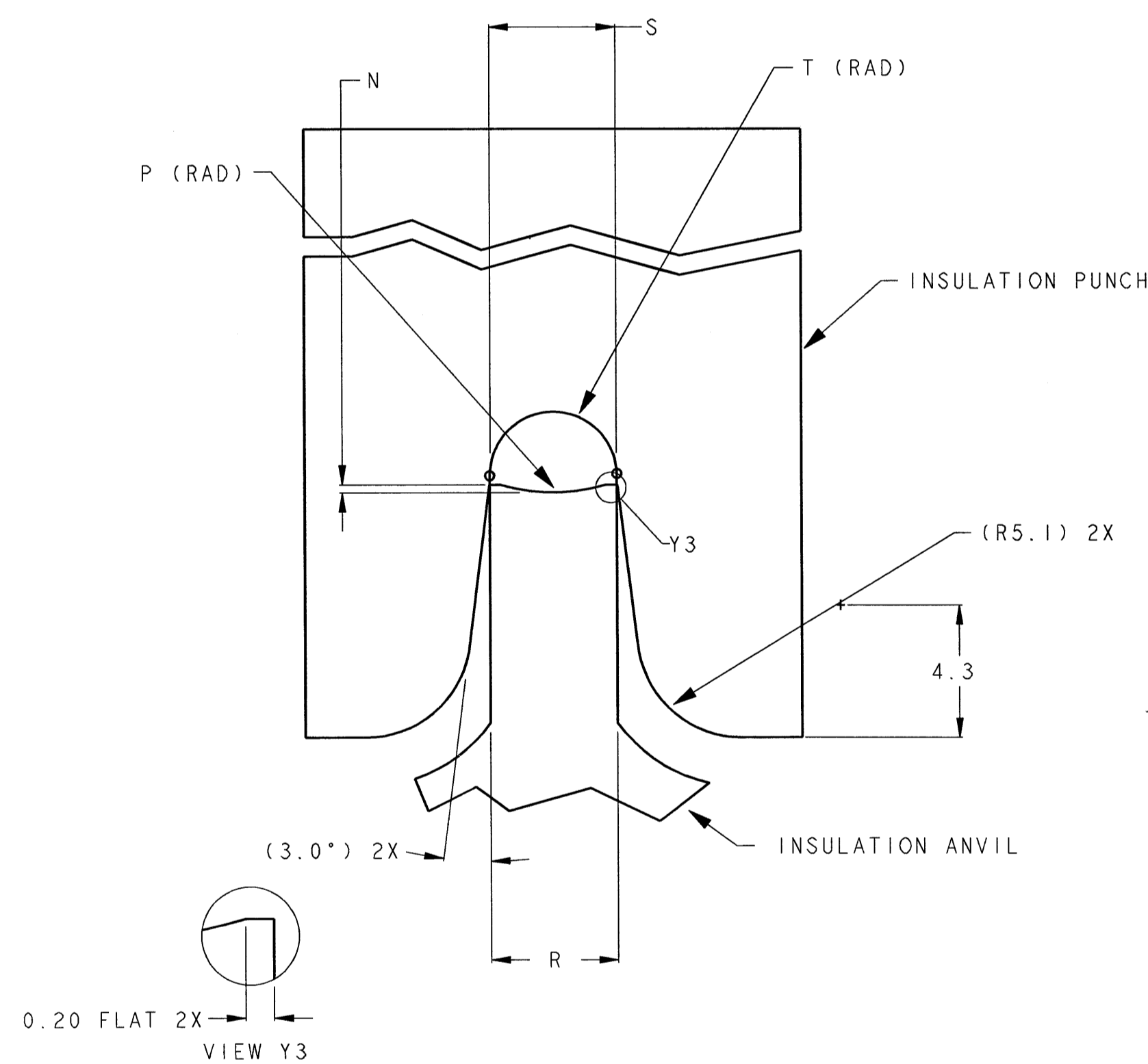
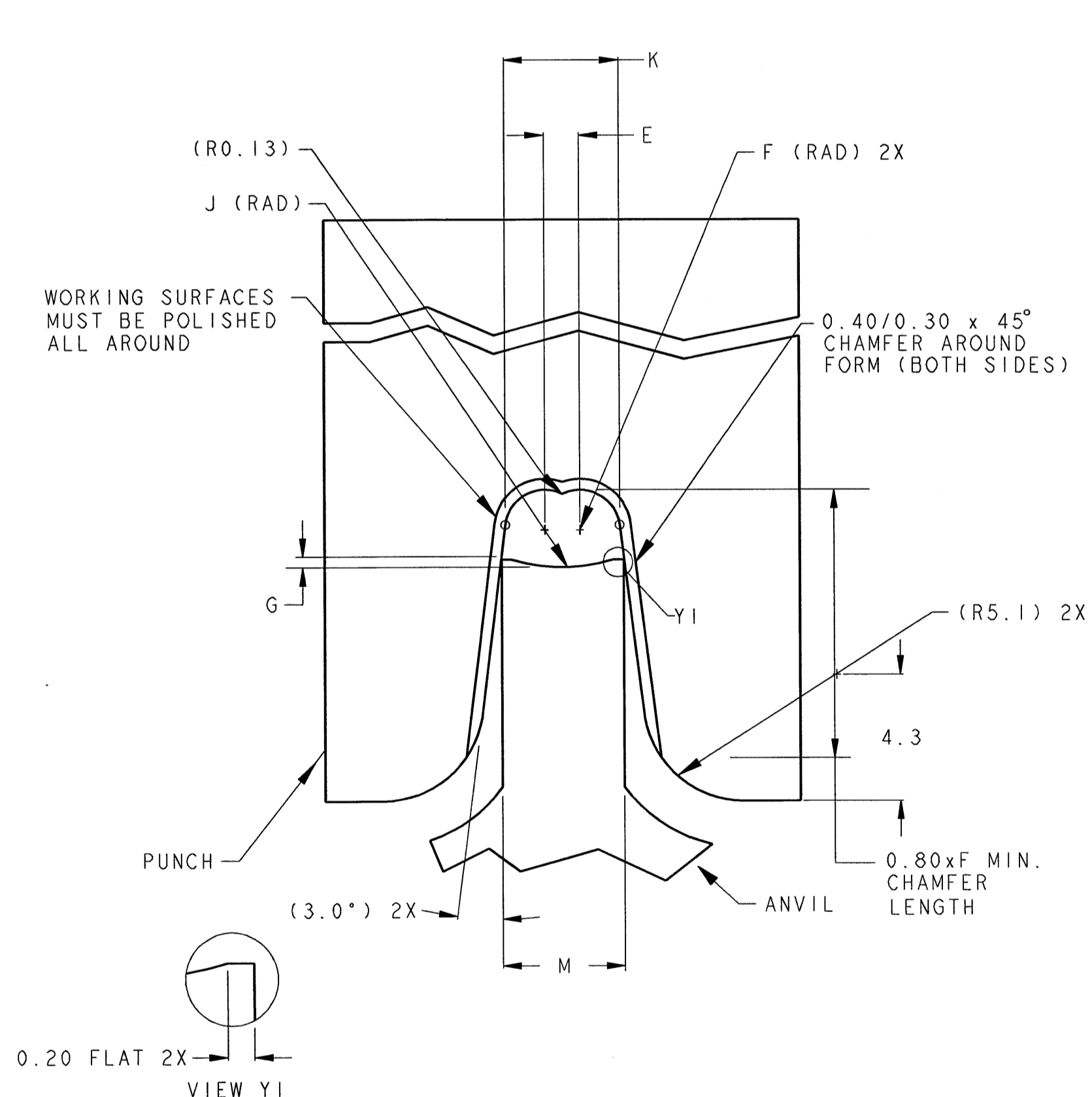
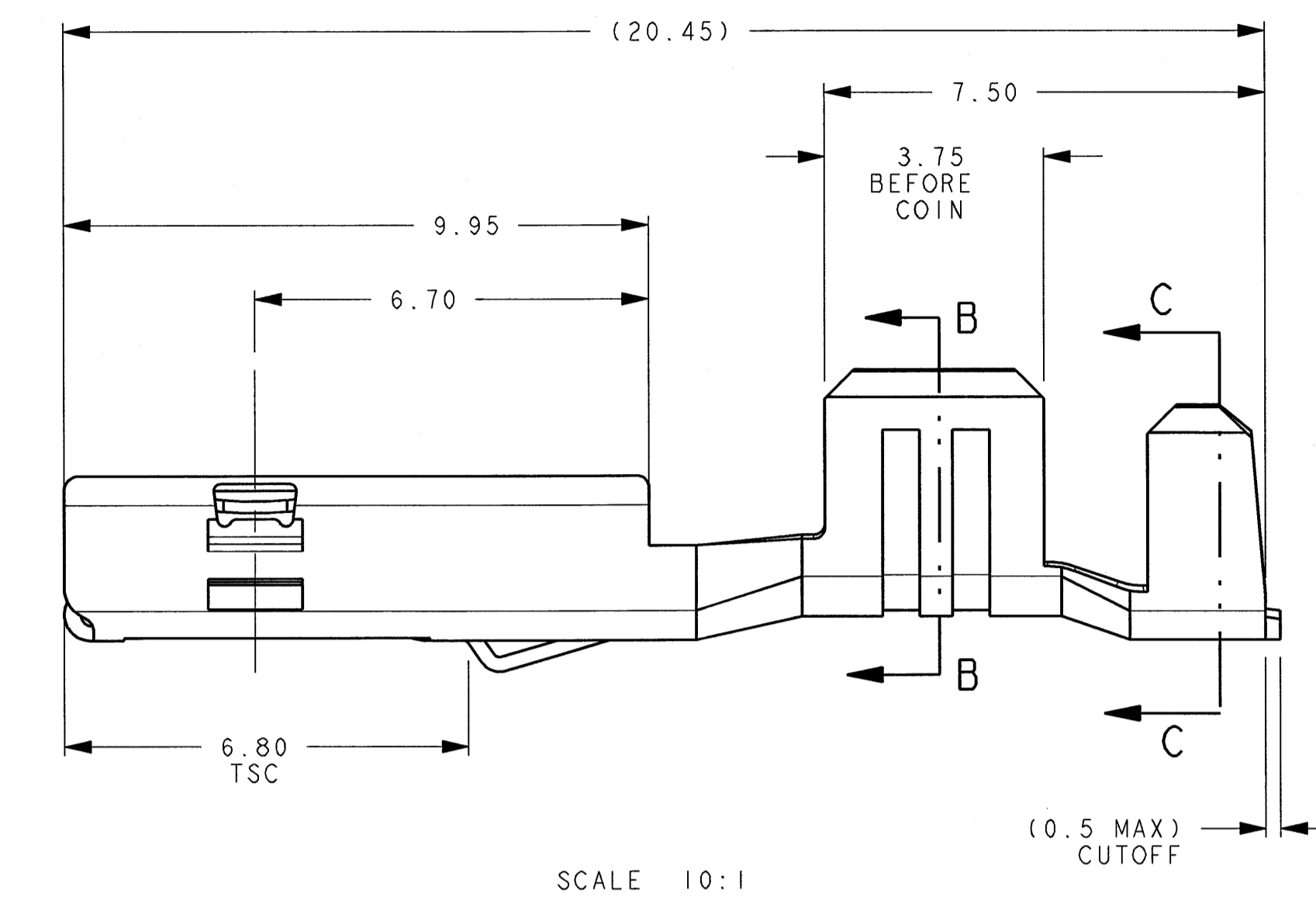
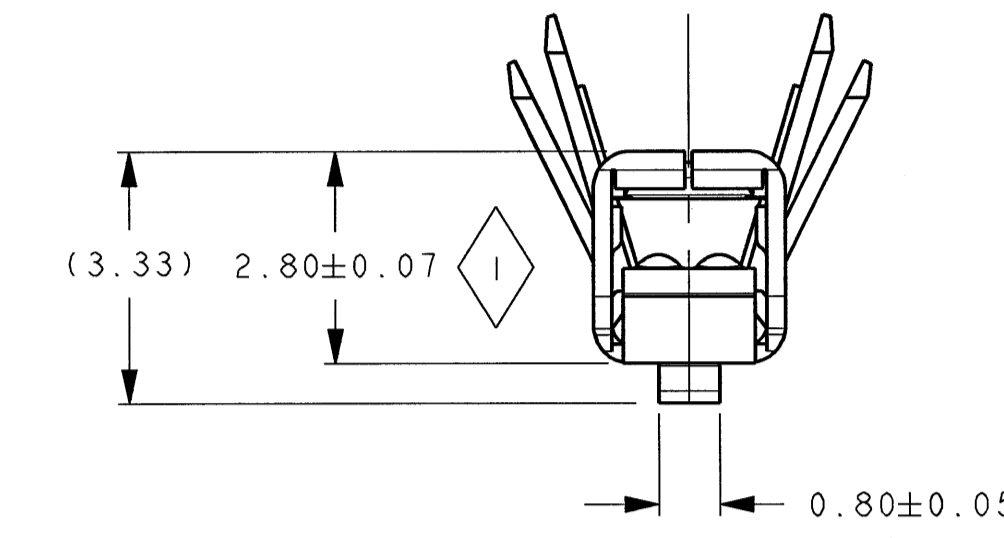
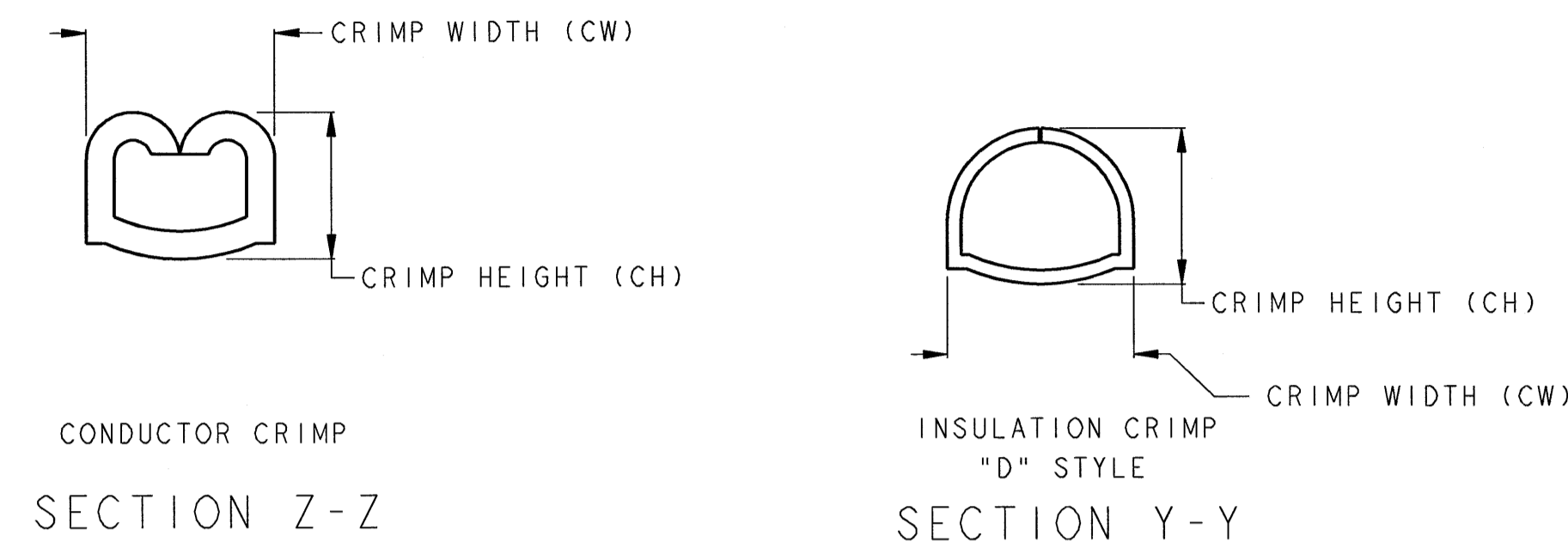
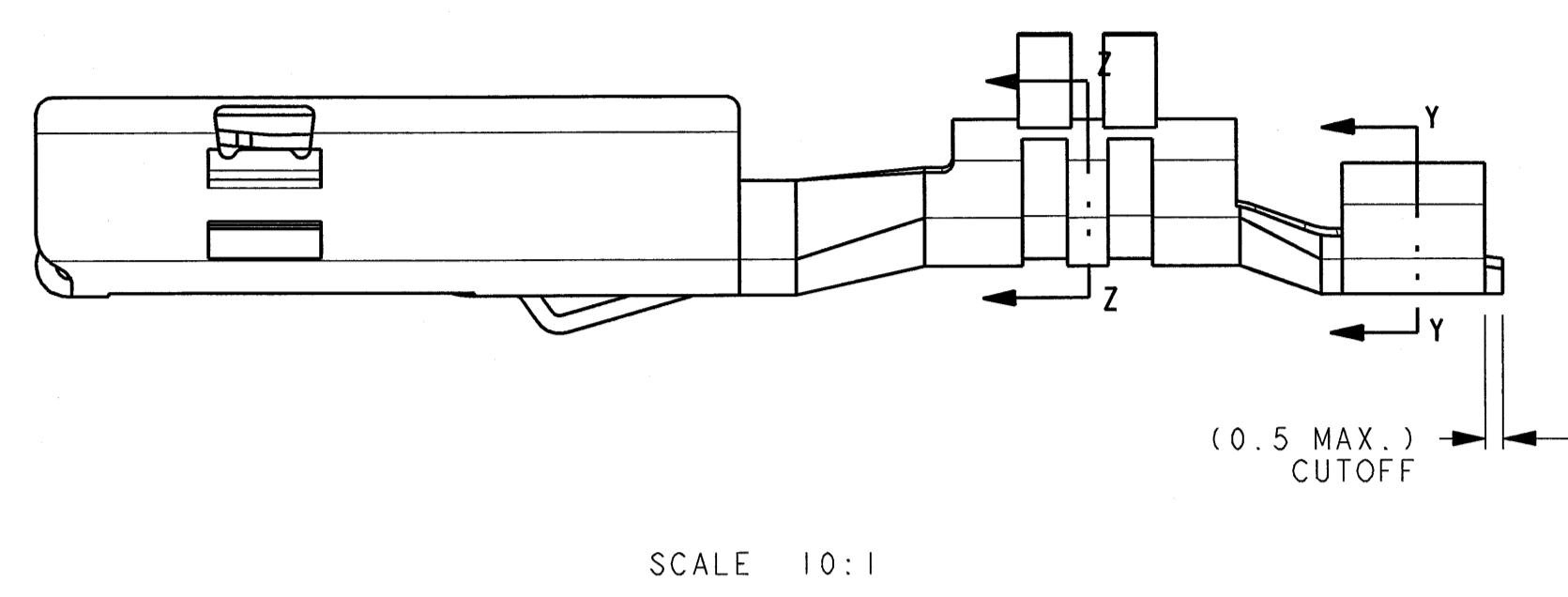
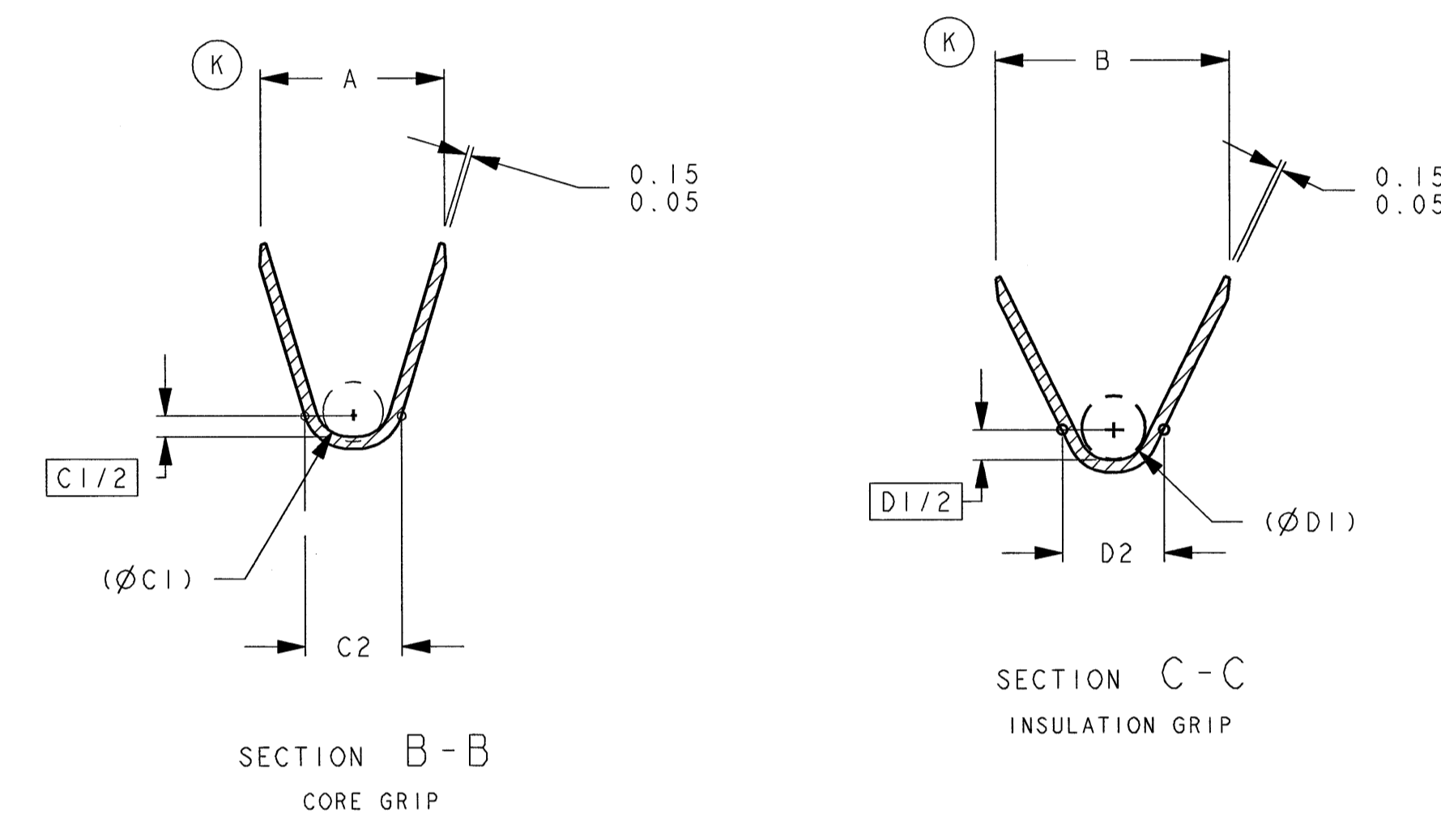


TABLE 1 - TERMINAL CRIMP DIMENSION (FOR REFERENCE ONLY)

SUPPLIER P/N TIN (MATERIALS 1 AND 2)	SUPPLIER P/N GOLD (MATERIALS 3 AND 4)	GRIP CODE	WIRE SIZE	CONDUCTOR CH (SECT Z-Z, +/-0.05)	CONDUCTOR CW (SECT Z-Z, +/-0.10)	INSULATION CH (SECT Y-Y, +/-0.10)	INSULATION CW (SECT Y-Y, +/-0.10)
54001625	54001627	16	16	1.20	2.05	2.45	2.60
			18	1.15	2.05	2.15	2.60
54002000	54002002	20	20	1.05	1.65	2.00	2.40
			22	0.95	1.65	1.80	2.40



CRIMP TOOL INFORMATION (REF. ONLY)



- NOTES:
- 1) QUALITY ASSURANCE REQUIREMENTS SPC DATA REQUIRED : 1
 - 2) MUST COMPLY WITH ALL APPLICABLE REQUIREMENTS OF: SAE/USCAR-2 REV 4, SAE/USCAR 12 REV 2, SAE/USCAR 21 REV 1
 - 3) MATERIAL:
 - ① TERMINAL BODY: 0.254 +/-0.01 C19400, 100% ELECTROMATTE TIN PLATED, 0.0012/0.0026 THICK, TENSILE STRENGTH: 379 - 483 MPa, YIELD STRENGTH: 379 MPa MIN, ELONGATION IN 51MM: 2X MIN
 - ② TERMINAL SPRING: 0.203 +/- 0.008 C7026, HOT TIN DIP PLATED, 0.0005/0.0026 THICK, TENSILE STRENGTH: 689 - 862 MPa, YIELD STRENGTH: 689 MPa MIN, ELONGATION IN 51MM: 1X MIN
 - ③ TERMINAL BODY: 0.254 +/-0.01 C19400, CONTACT AREA - SELECTIVE GOLD PLATING, 30 MICROINCHES THICK MINIMUM OVER NICKEL, 50 - 100 MICROINCHES THICK, OPTIONAL - SELECTIVE GOLD FLASH OVER PALLADIUM 20 MICROINCHES MIN THICK OVER NICKEL, 50 - 100 MICROINCHES THICK, GRIP AREA - 100% ELECTROMATTE TIN PLATED, 50 - 100 MICROINCHES THICK, OPTIONAL - 100% ELECTROMATTE TIN PLATED, 50 - 100 MICROINCHES THICK OVER NICKEL FLASH, TENSILE STRENGTH: 379 - 483 MPa, YIELD STRENGTH: 379 MPa MIN, ELONGATION IN 51MM: 2X MIN
 - ④ TERMINAL SPRING: 0.203 +/- 0.008 C7026, NICKEL PLATED, 0.0012/0.0026 THICK, TENSILE STRENGTH: 689 - 862 MPa, YIELD STRENGTH: 689 MPa MIN, ELONGATION IN 51MM: 1X MIN
 - 4) SEE USCAR DRAWING EWCAP-001 FOR DIRECT CONNECT MATING BLADE INFORMATION
 - 5) IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2
 - 6) -CURRENT PRODUCTION TOOLING
-POINT OF LAST RUN
 - 1 PLACE DIM ±0.25
 - 2 PLACE DIM ±0.1
 - ANGULAR DIM ±2°
 - 7) "TSC" ON A DIMENSION TO BE INTERPRETED AS A DISTANCE TO A THEORETICAL SHARP CORNER AS IF RADIUS WERE NOT PRESENT
 - 8) INDICATES IN-PROCESS INSPECTION (FOR MANUFACTURING DIMENSION(S) OR SPECIFICATION(S))

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TABLE 2 - TERMINAL GRIP / CRIMP TOOL DIMENSION TABLE (CRIMP TOOL DIMENSIONS (E-T) FOR REFERENCE ONLY)

GRIP CODE	WIRE SPECIFICATION	A	B	(ØC1)	C2	(ØD1)	D2	E+/-0.005	F+/-0.005	G+/-0.005	J+/-0.005	K+/-0.005	M+/-0.005	N+/-0.005	P+/-0.005	R+/-0.005	S+/-0.005	T+/-0.005
20	ESB-MIL123-A/ MS-8288	2.5	3.1	0.76	1.4	1.40	2.0	0.74	0.43	0.09	2.06	1.59	1.59	0.16	2.16	2.33	2.33	1.17
16	ESB-MIL123-A/ MS-8288	3.0	3.7	1.00	1.6	1.75	2.4	0.92	0.53	0.13	2.56	1.99	1.97	0.18	2.34	2.52	2.53	1.23

REV	DATE	BY	CHKD	APP'D	DESCRIPTION
01	08/03/06	E	K4,KT		1.5170.05 COIN WAS 0.15+/-0.05
02	04/05/06	D			ADDED GOLD TERMINAL FINISH
03	09/29/05	C1			000 RESOLUTION
04	04/19/05	C			INITIAL RELEASE