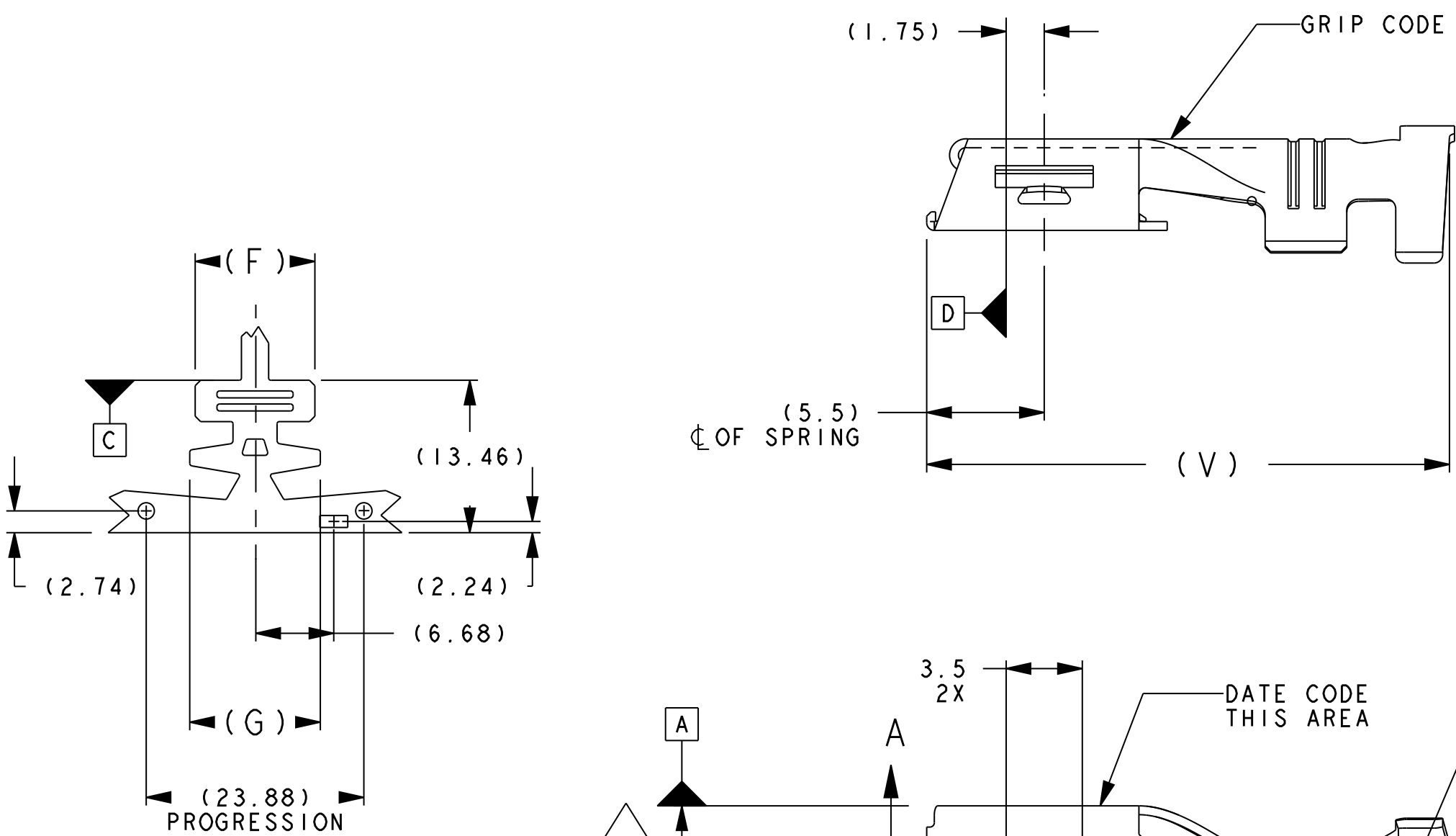


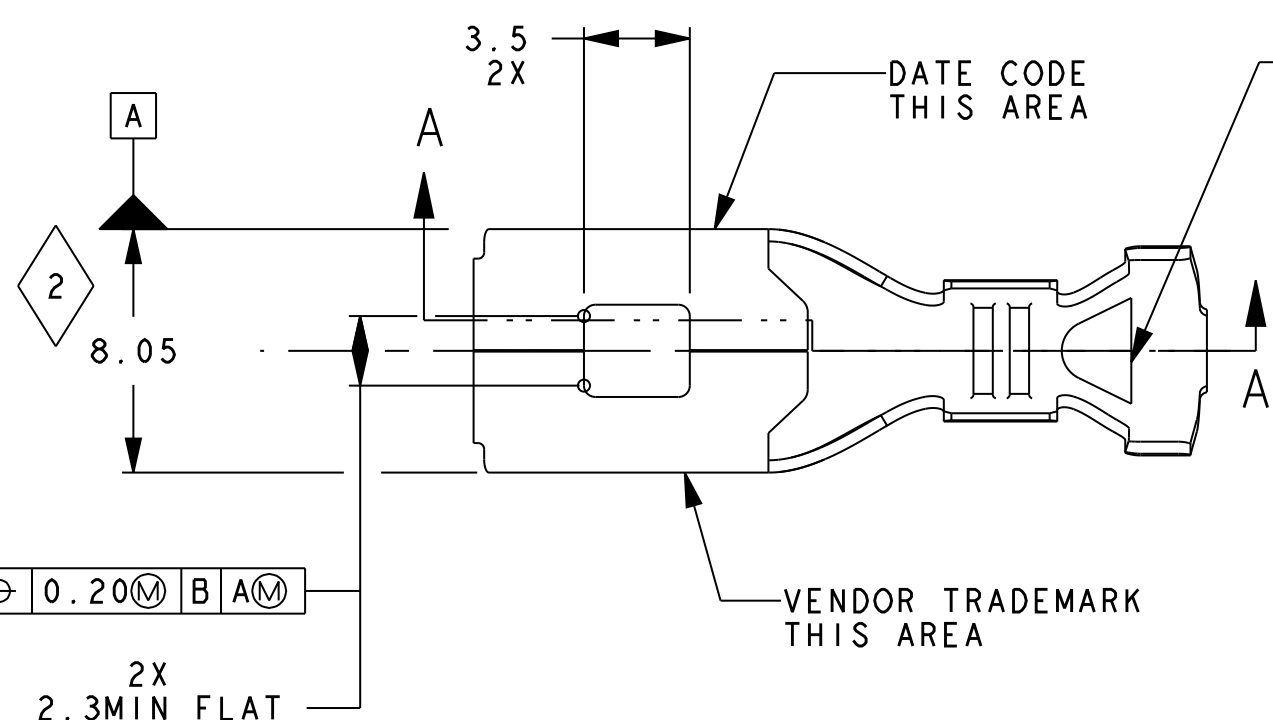
16			15		14		13		12			11		10			9		8							
8 NOT TOOLED	8	4.5/5.1	---	F485900 3,4	---	---	8	7.1	---	3.50	4.5	---	---	---	---	---	---	---	---	---						
10	6.0/4.0	4.3/3.4	---	54001023 1,2	---	---	10	5.6	8.1	2.4	3.4	5.1	6.1	13.5	17.8	19.8	---	---	1.30	23.4	7.5	UNSEALED				
			---	F385900 3,4	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	---
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	---
2(12/14)	2(3.0/2.0)	3.4/2.3 PER WIRE	54001022 1,2	---	54001026 1,2	---	11	6.3	8.8	1.9	4.7	5.4	6.5	13.5	17.3	---	---	1.10	24.0	8.0	CABLE SEAL					
12/14	3.0/2.0	3.4/2.3	---	F285900 3,4	---	---	12	4.6	8.1	2.0	2.9	5.1	6.1	10.7	17.8	19.8	---	---	1.10	24.0	8.0	CABLE SEAL				
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	---
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	---
2(16/18)	2(1.50/0.75)	2.4/1.7 PER WIRE	54001103 1,2	---	---	---	11	6.3	7.8	1.9	4.7	2.7	6.2	17.6	18.7	1.90	2.70	0.70	23.4	7.5	UNSEALED					
16/18	1.50/0.75	2.4/1.7	---	F185900 3,4	---	---	16	3.5	6.9	1.2	1.9	4.6	5.6	8.8	15.4	---	---	0.60	24.0	8.0	CABLE SEAL					
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	
21(18/20)	2(0.75/0.50)	2.2/1.4 PER WIRE	54001222 1,2	---	54001224 1,2	---	12	4.6	4.9	2.0	2.9	2.8	3.8	10.7	15.4	---	---	0.40	23.4	7.5	UNSEALED					
18/20	0.75/0.50	2.2/1.4	---	F485900 3,4	---	---	18	3.8	8.1	1.5	2.3	5.1	6.1	7.3	17.8	19.8	---	---	1.10	24.0	8.0	CABLE SEAL				
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	---
			---	---	---	---			---			---	---		---	---	---	---	---	---	---	---	---	---	---	---
WIRE SIZE AWG	WIRE SIZE METRIC	INSULATION DIAMETER	UNSEALED NOT GREASED	SEALED NOT GREASED	UNSEALED GREASED	SEALED GREASED	GAGE STAMP	A ±0.4	B ±0.4	(C1) DIA	C2	(D1) DIA	D2	(F) CORE BLANK WIDTH	(G) INSL BLANK WIDTH	(J)	(K)	L ±0.2	(V)	(W)	TYPE OF GRIP					

CHART NOTES:

"1" AFTER PART NUMBER INDICATES TYPE 1 MATERIAL FOR TERMINAL.
"2" AFTER PART NUMBER INDICATES TYPE 2 or 4 MATERIAL FOR SPRING.
"3" AFTER PART NUMBER INDICATES TYPE 3 MATERIAL FOR TERMINAL.
"4" AFTER PART NUMBER INDICATES TYPE 4 MATERIAL FOR SPRING.
PART NUMBERS WITH LINES THRU THEM HAVE NOT BEEN TOOLED YET.



GENERAL GRIP AND CARRIER BLANK VIEW FOR REFERENCE ONLY



HOLE SIZE AND SHAPE OPTIONAL, FOR SEALED GRIPS ONLY. NOT REQUIRED FOR UNSEALED GRIPS.

QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS 7300: 2 SAE USCAR-21

(KX) INDICATES IN-PROCESS INSPECTION FOR MANUFACTURING DIMENSION(S) OR SPECIFICATION(S): 3 MATERIAL TYPE1 : 0.398 $\pm$ 0.013 C194 COPPER ALLOY PER ASTM B-465 TENSILE STRENGTH: 413-483 Mpa YIELD STRENGTH: 413 Mpa MINIMUM ELONGATION IN 51mm: 2% MINIMUM 100% HALT TIN PLATED 0.0013/0.0038 THICK

MATERIAL TYPE2 : 0.254 $\pm$ 0.010 C70260 TM04 COPPER TO ASTM B-422 TENSILE STRENGTH: 689-862 Mpa YIELD STRENGTH: 689 Mpa MINIMUM ELONGATION IN 51mm: 1% MINIMUM 100% HALT TIN PLATED OR 100% TIN/SILVER PLATED(95/5)% 0.0013/0.0038 THICK

MATERIAL TYPE3 : 0.398 $\pm$ 0.013 C194 COPPER ALLOY PER ASTM B-465 TENSILE STRENGTH: 413-483 Mpa YIELD STRENGTH: 413 Mpa MINIMUM ELONGATION IN 51mm: 2% MINIMUM 100% TIN/SILVER PLATED(95/5)% 0.0013/0.0038 THICK

MATERIAL TYPE4 : 0.254 $\pm$ 0.010 C70260 TM04 COPPER TO ASTM B-422 TENSILE STRENGTH: 689-862 Mpa YIELD STRENGTH: 689 Mpa MINIMUM ELONGATION IN 51mm: 1% MINIMUM 100% TIN/SILVER PLATED(95/5)% 0.0013/0.0038 THICK

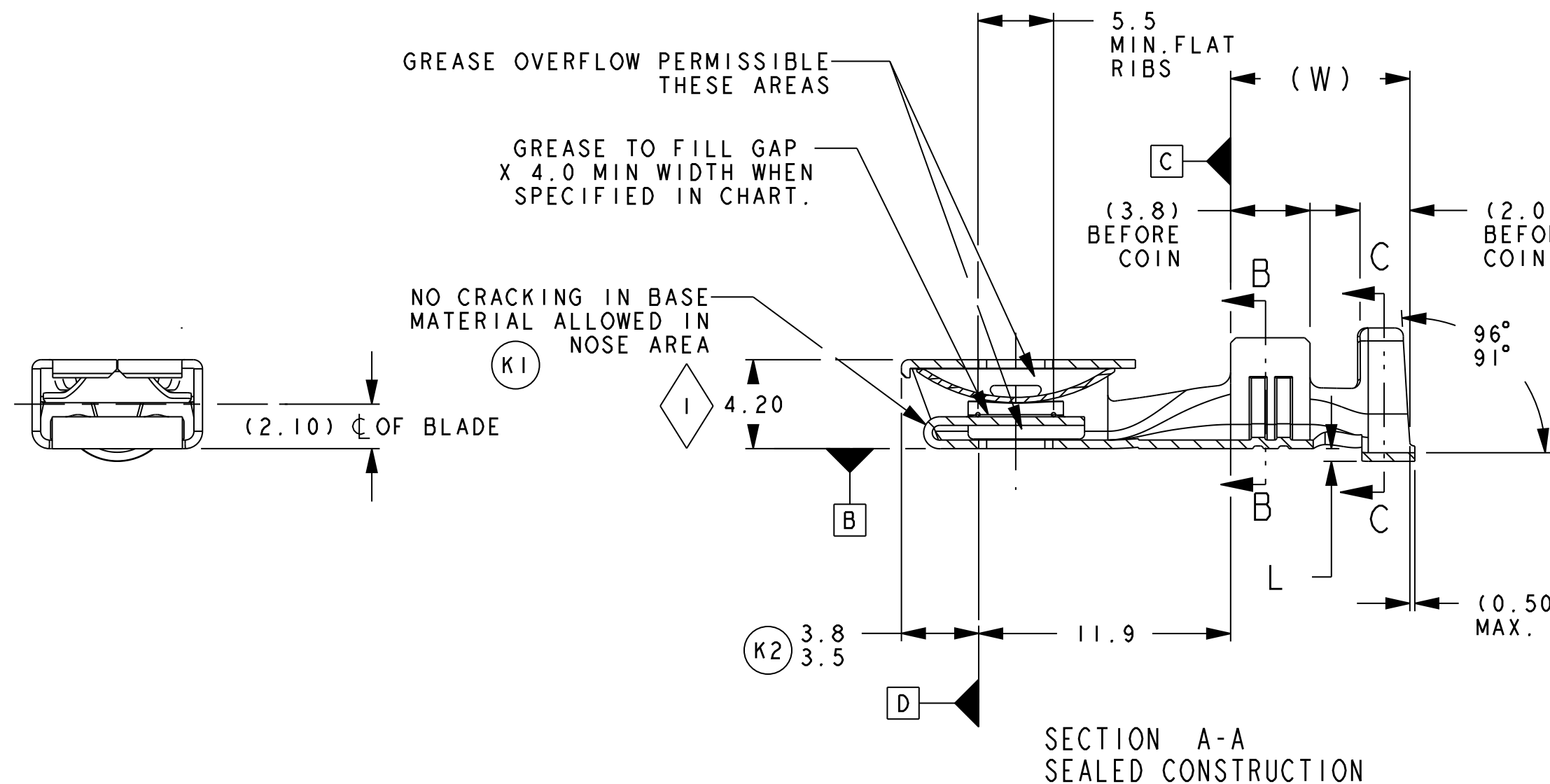
GREASE IS NYE UNIFLOR 8917.

TERMINAL DESIGN IS SYMMETRICAL AROUND CENTERLINE AND CAN BE ROTATED 180 DEGREES.

FOR CAVITY DIMENSIONS, SEE FCI DRAWING A25009.

ANNUAL QUALITY REQUIREMENTS: 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.

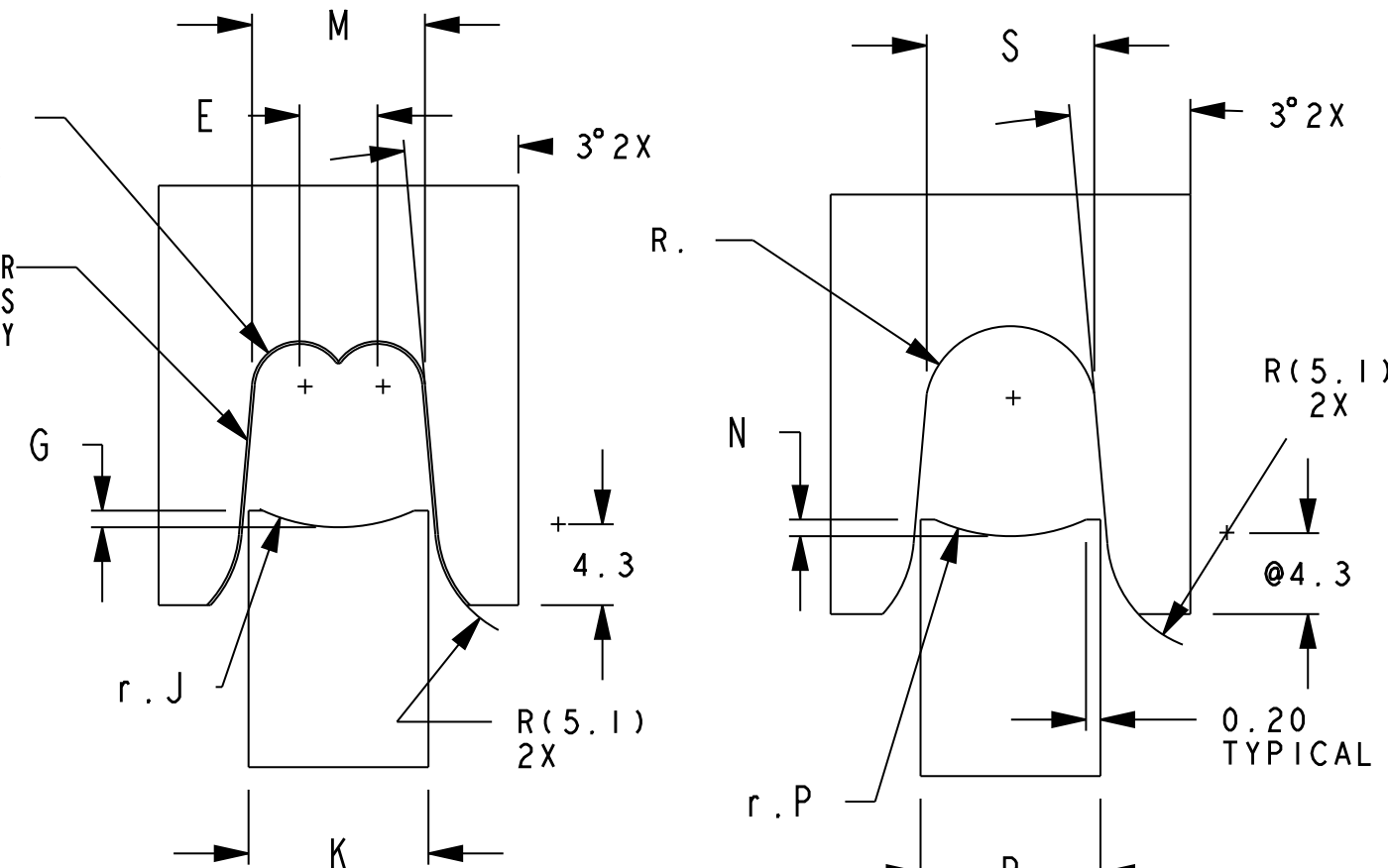
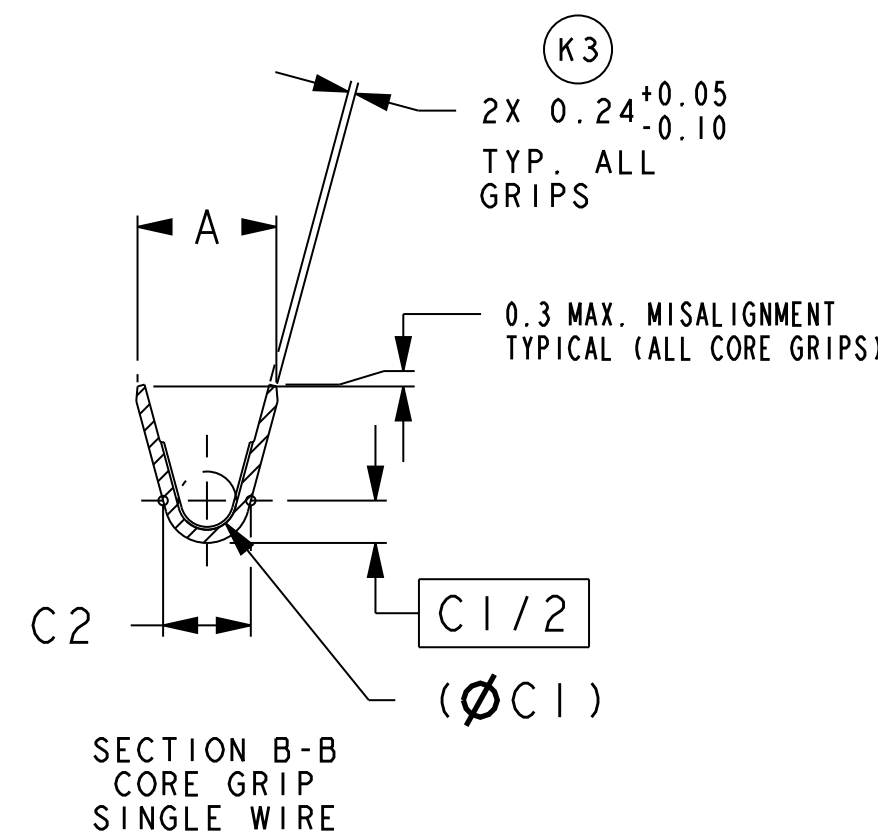
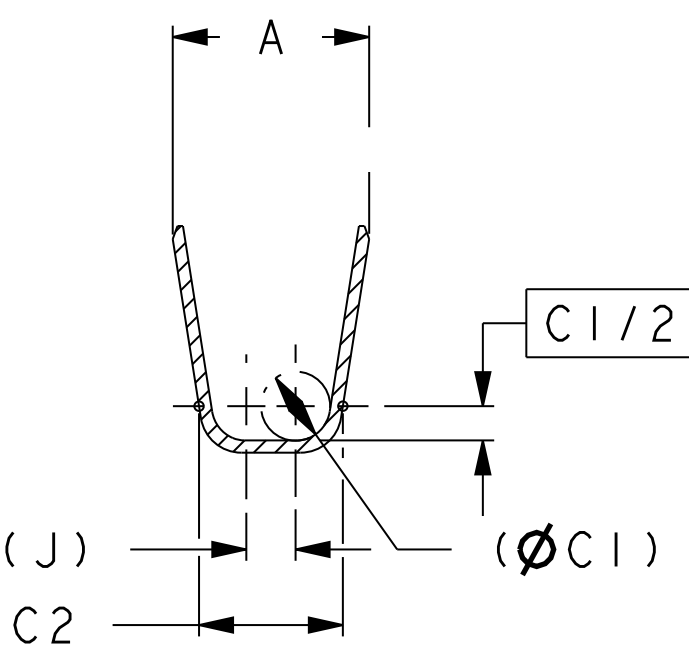
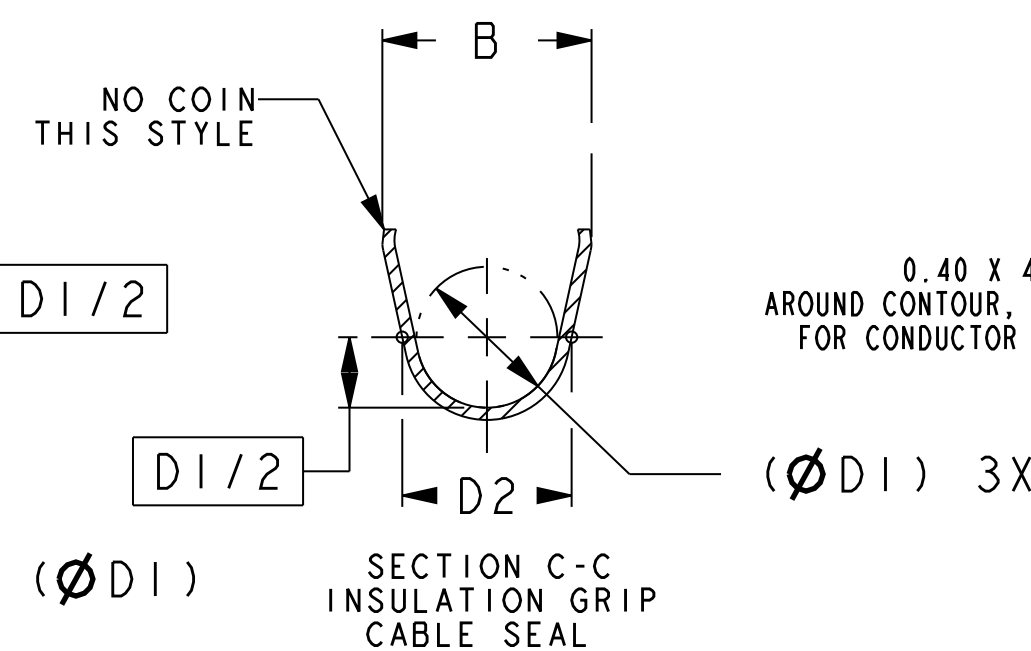
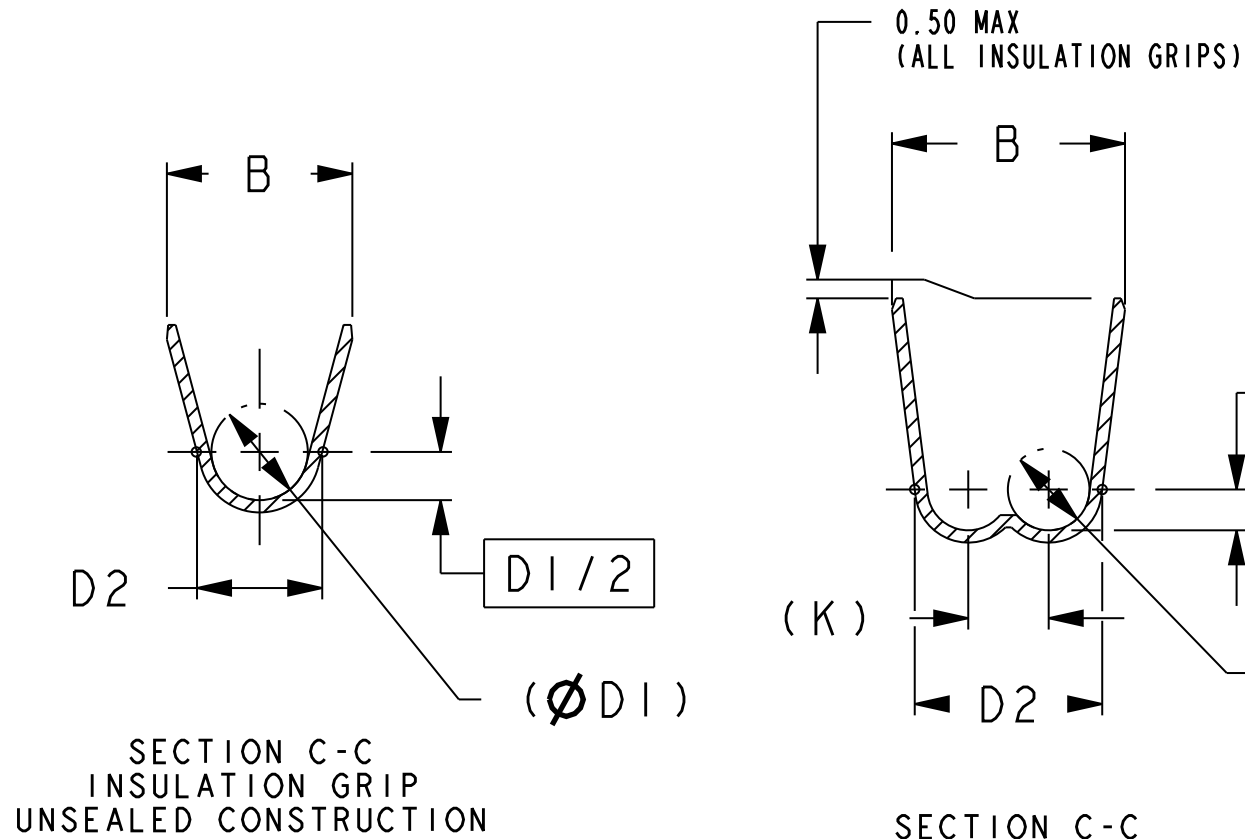
TOLERANCES: 1 PLACE DIMENSIONS ± 0.30 2 PLACE DIMENSIONS ± 0.13 ANGULAR DIMENSIONS $\pm 2^\circ$



SECTION A-A SEALED CONSTRUCTION

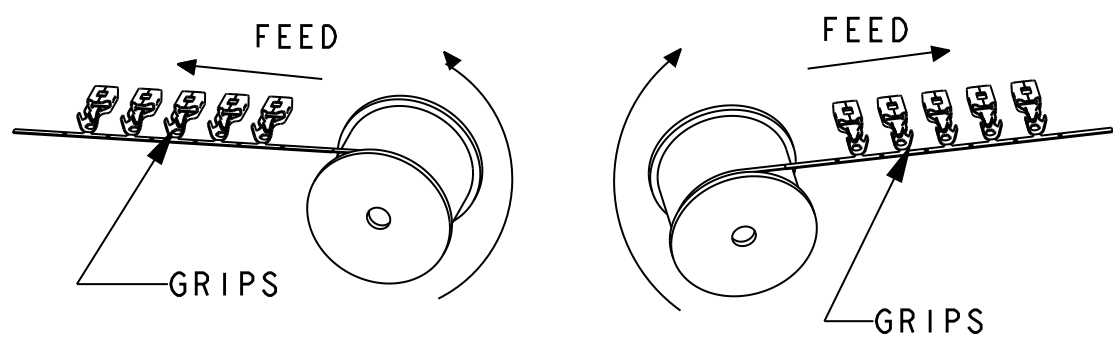
CABLE SEAL	7			6		5		4		
	8	8	8.00							
	10	10	6.00	3.85*	2.30*	2.50*	5.80*	5.70*	6.55*	
			5.00							
			4.00							
	12	12	3.00	3.05*	2.05	1.85*	4.90*	5.20*	3.90*	
			2.50							2.05
			2.00							1.95
	16	16	1.50	2.80	1.60		3.90*	4.00*	3.90*	
			1.00							1.50
0.75			1.50*							
18	18	0.75	2.45*	1.50*						
		0.50							1.30*	
UNSEALED, MATT SEALED	10	10	6.00	3.85*			4.60			
			5.00							
			4.00		2.20*			3.70B)		
	12	2-12/14	3.00	3.05			3.80			
			2.50		2.05			3.30		
			2.00		1.95			3.10		
	16	2-16/18	1.50	2.80			3.60			
			1.00		1.60			2.80		
			0.75		1.50			2.40		
	18	2-18/20		2.45*			2.80*			
1.50*					2.50*					
1.35*					2.30*					
GRIP CODE	WIRE SIZE AWG	WIRE SIZE METRIC	CONDUCTOR CRIMP WIDTH "B" STYLE (±0.10)	CONDUCTOR CRIMP HEIGHT AWG (±0.05)	CONDUCTOR CRIMP HEIGHT METRIC (±0.05)	INSULATION CRIMP WIDTH "B" STYLE (±0.10)	INSULATION CRIMP HEIGHT AWG (±0.05)	INSULATION CRIMP HEIGHT METRIC (±0.05)		

* CRIMP VERIFIED TO USCAR-21 FILLED SPACE WITHOUT *, TESTED BUT NOT VALIDATED BLANK SPACES NEED TO BE VALIDATED



STANDARD "B" FORM TOOLING CONDUCTOR OR INSULATION CRIMP

STANDARD "D" FORM TOOLING INSULATION CRIMP



UNWIND STANDARD FEED DIRECTION "B"

UNWIND REWIND FEED DIRECTION "A"

TERMINALS TO FEED AS SHOWN AFTER BEING REELED OFF PRODUCTION TOOL. PACKAGING: PANCAKE REELS WITH PAPER INTERLEAF

NOTE: CUSTOMER REQUESTS FOR REWIND PARTS WILL INCLUDE AN "RW." AT THE END OF THE BILL OF MATERIAL (B.O.M.) PART NUMBER. EXAMPLE:) STANDARD WIND: FCI PART NUMBER. REVERSE WIND: FCI PART NUMBER THEN "RWA"

THIS PART NUMBERING SYSTEM WILL BE AVAILABLE FOR ALL CHARTED PART NUMBERS.

11-00266		REVISED AND REDRAWN IN PDS. ADDED F485900-F975900, NO PHYSICAL CHANGE TO TERMINAL. ADDED TIN SILVER PLATING (REV. R)	
ECN-NO.	ZONE	CHANGE DESCRIPTION	
PRODUCT SPEC.	PACKAGING SPEC.	APPLICATION SPEC.	THIS DRAWING AND ALL OTHER INFORMATION CONTAINED THEREIN IS PROPRIETARY AND THE PROPERTY OF FCI. This drawing may not be copied, reproduced or disclosed to any third party without the expressed written permission of FCI. FCI April