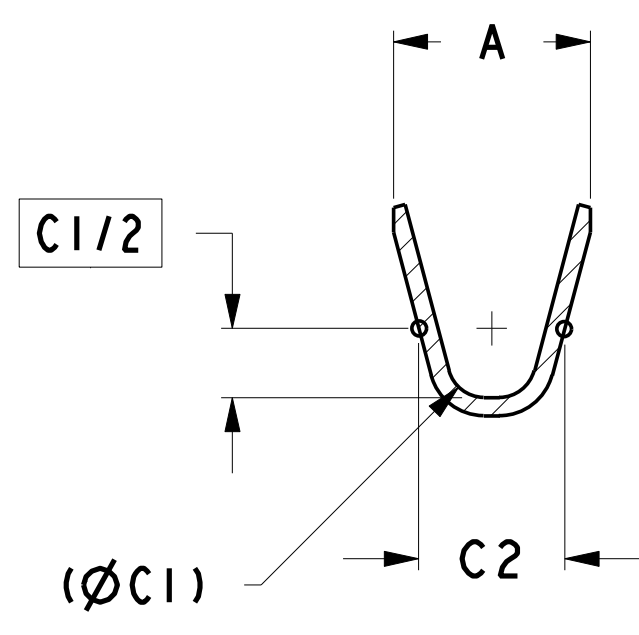
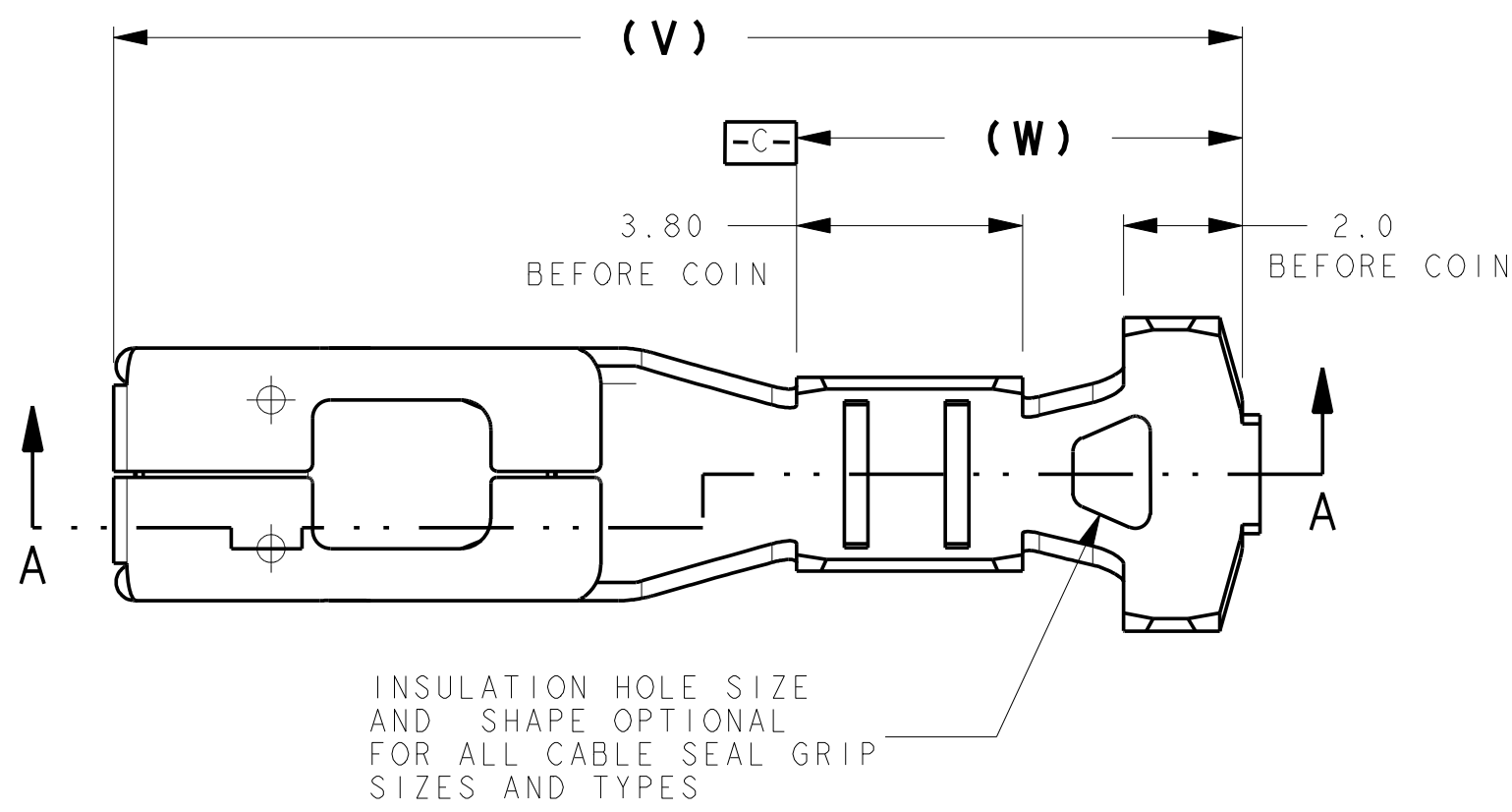


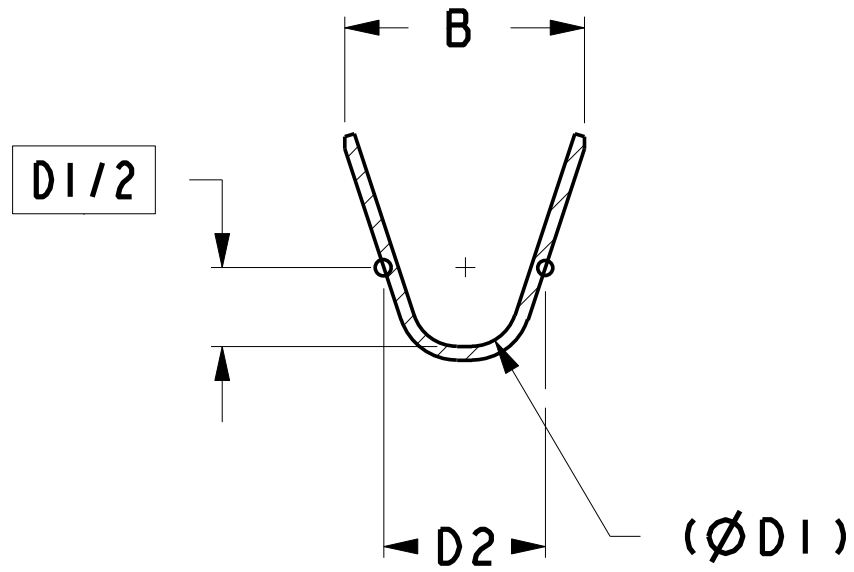


ACTUAL SIZE

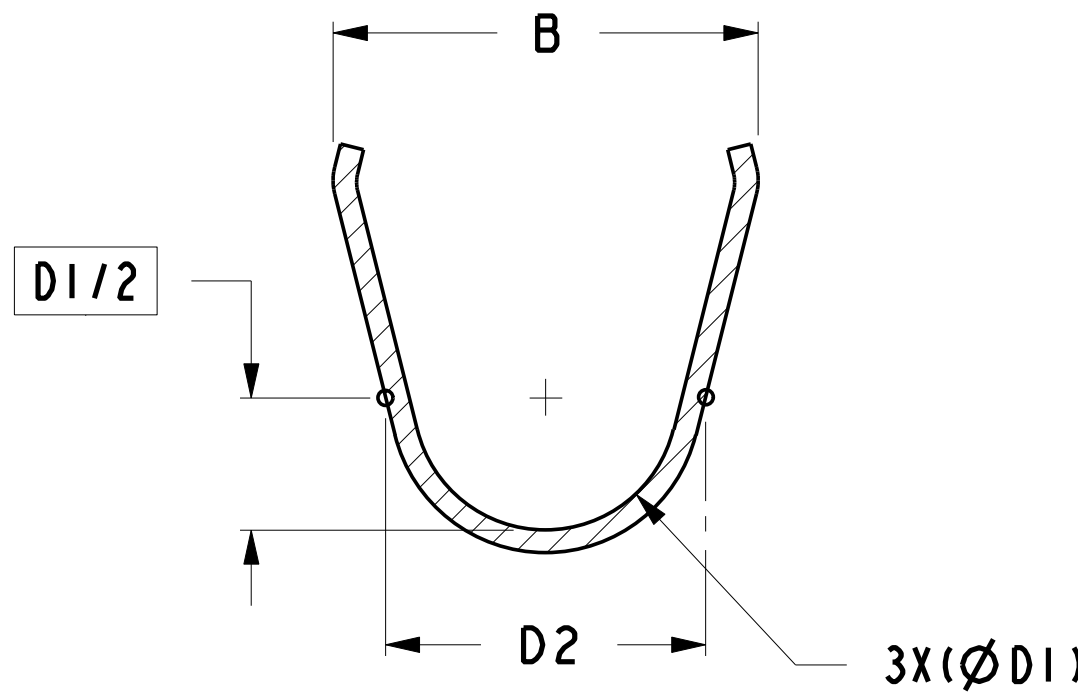
REVISIONS			
LTRS	ORIGINATOR	CHECKER	ENG APP
2			
REVISED AND REDRAWN AFTER INTERNAL REVISION AB AC1 ADDED METRIC EQUIVALENT WIRE CODES AC2 REMOVED CRIMP INFORMATION AND VIEWS DATE: 20100928 AELE-E-11186306-131			
	B CUE	RJC	MAT'L



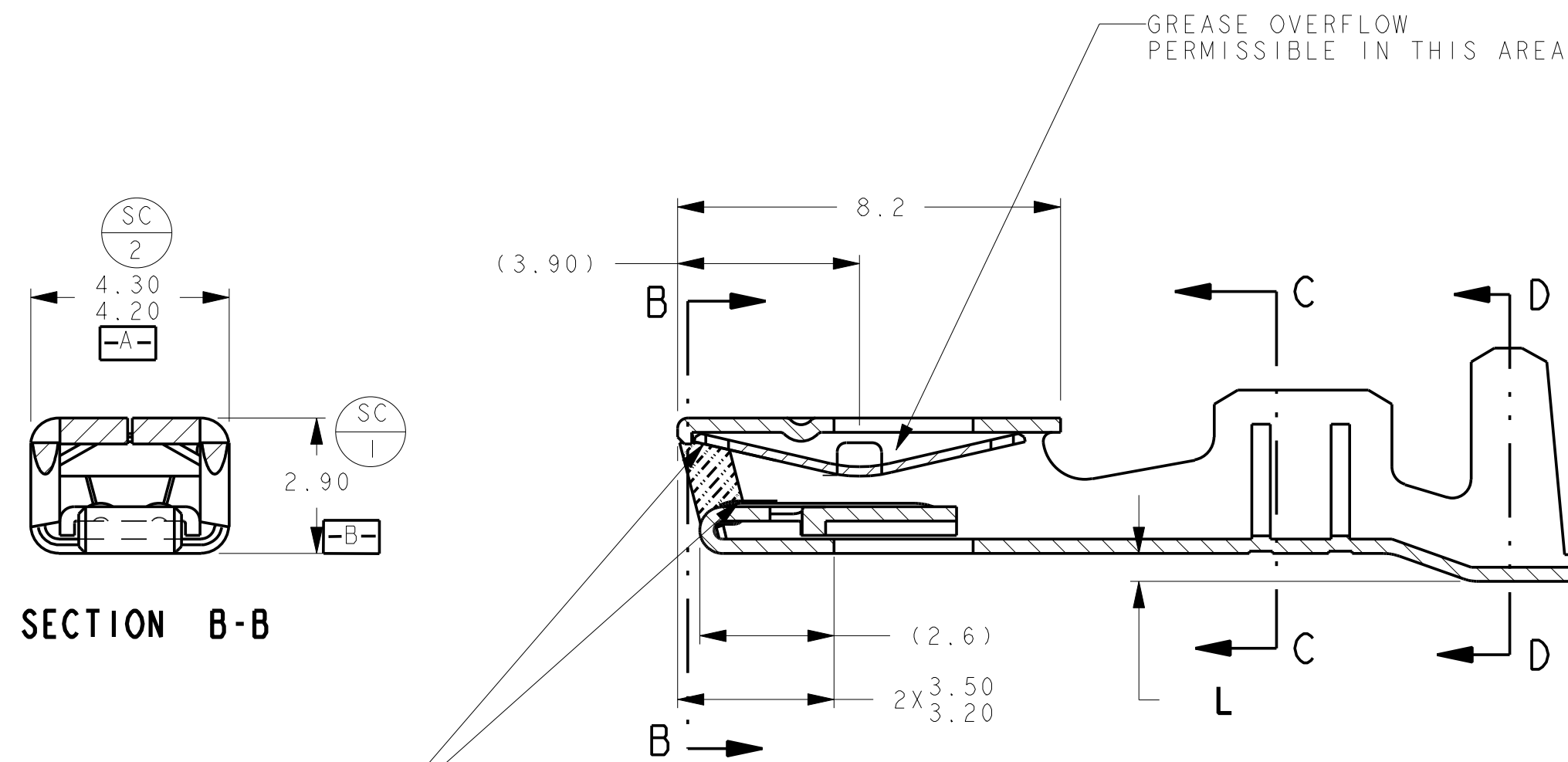
SECTION C-C
CORE GRIP



SECTION D-D
UNSEALED
INSULATION GRIP



SECTION D-D
CABLE SEAL
INSULATION GRIP

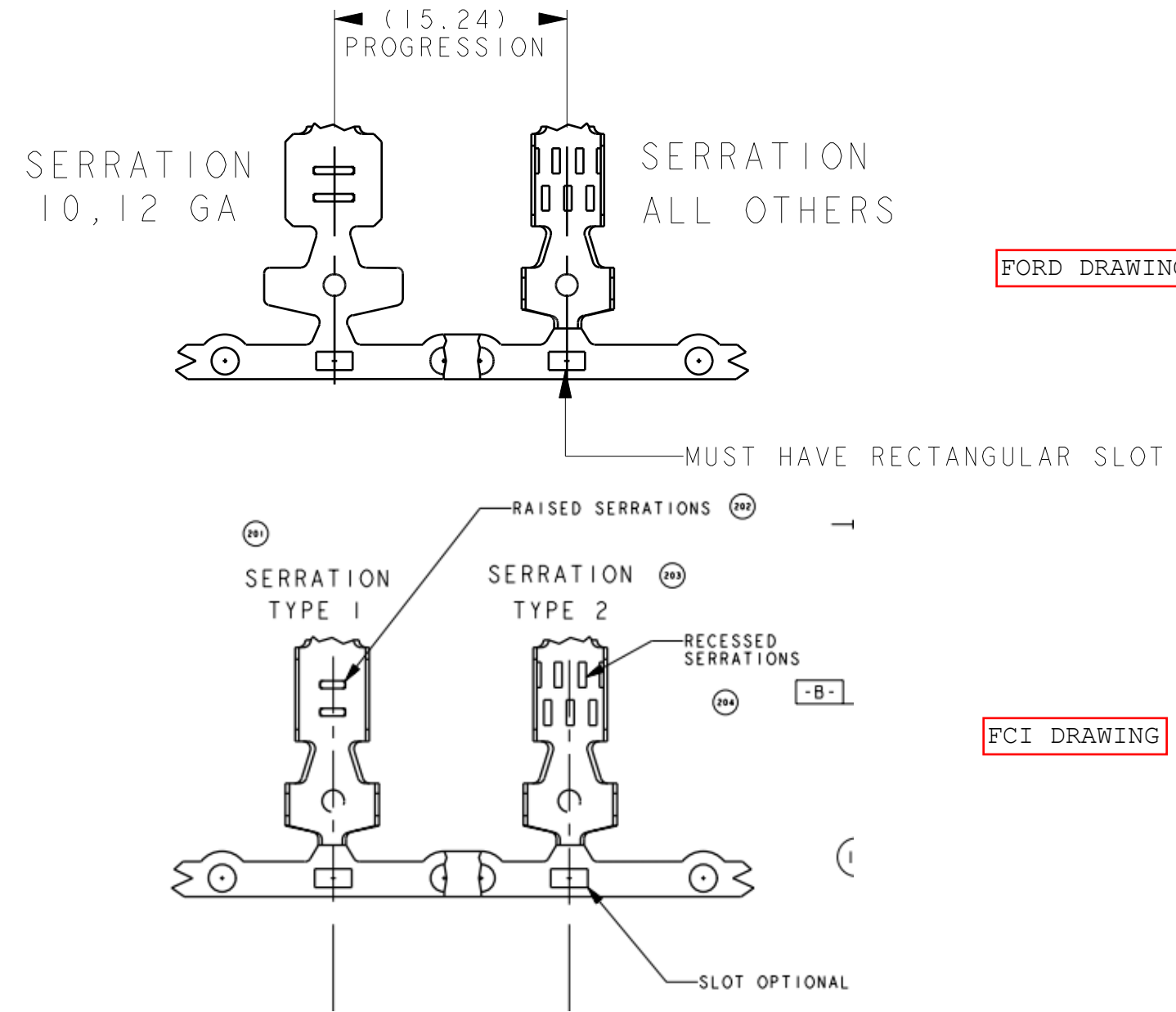


SECTION A-A

SECTION B-B
PRESSURE FILL
NYE UNIFLOR 8917
FOR GREASED TERMS

TIN PLATING OPTION 1.
USE MATERIAL TYPE 1&2.

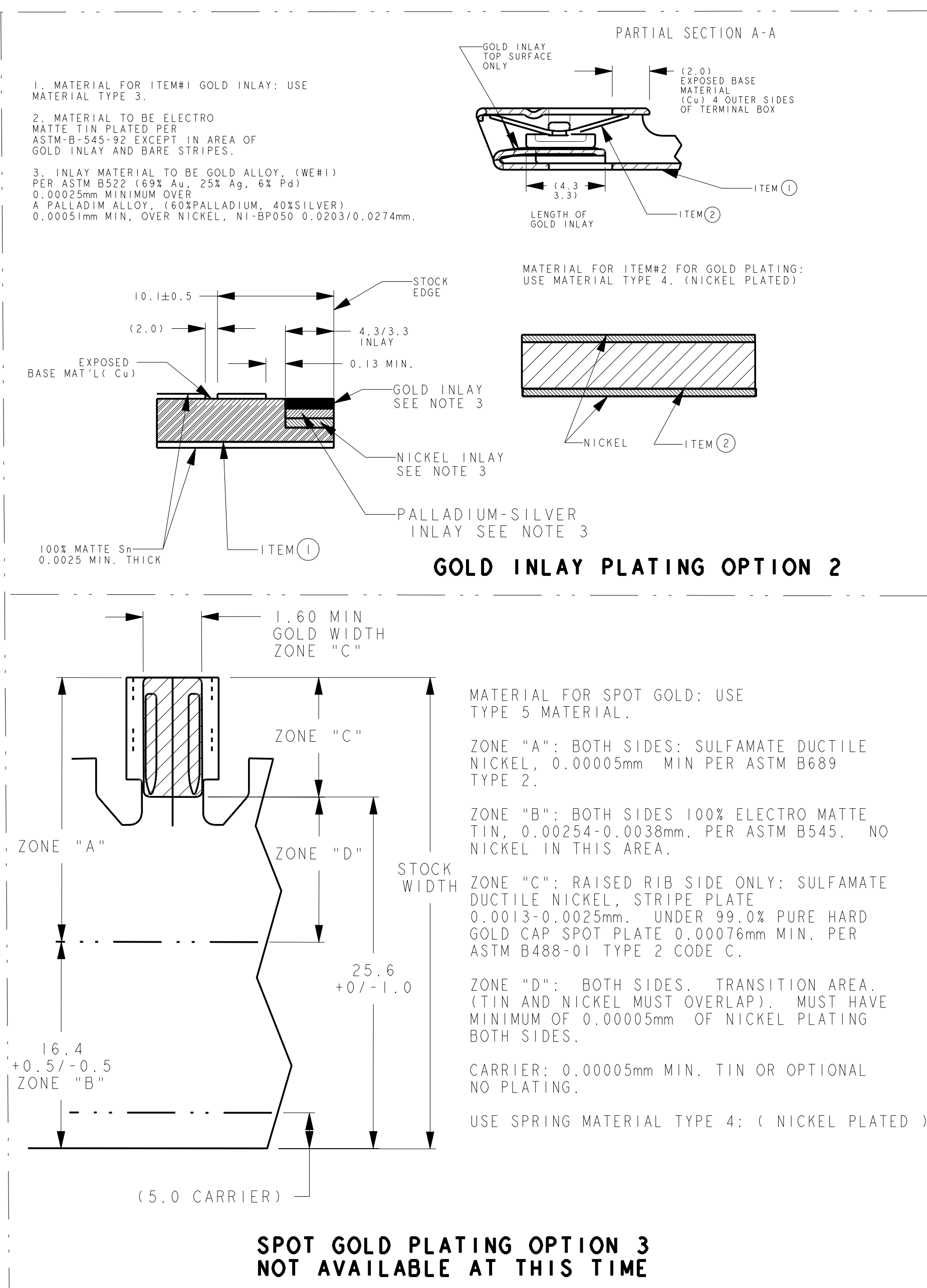
FOR ALL CRIMP INFORMATION, SEE FCI APEX 2.8 TERMINAL GUIDELINES
FOUND ON THE FCI "U" DRIVE IN THE CRIMP GUIDELINE FOLDER.



FORD DRAWING

FCI DRAWING

- NOTES:
- 1) CONFORMS TO ALL APPLICABLE SECTIONS OF:
SAE/JUSCAR-2 REV.3 EXCEPT TERMINAL BEND RESISTANCE
SECTION 5.2.2
SAE/JUSCAR-12 REV 2
SAE/JUSCAR-21
FORD SDS VER 11
 - 2) MATERIALS
MATERIAL TYPE 1: C14530 CU TO ASTM B-152
THICKNESS: 0.305 ± 0.008
TENSILE STRENGTH: 372-442 MPa
YIELD STRENGTH: 655-862 MPa
MINIMUM ELONGATION: 2.5% IN 51mm
PLATING: 100% HOT TIN DIP: 0.0005-0.0025mm.
MATERIAL TYPE 2: C17410 BE CU TO ASTM B-768
THICKNESS: 0.203 ± 0.008
TENSILE STRENGTH: 758-897 MPa
YIELD STRENGTH: 655-862 MPa
MINIMUM ELONGATION: 7% IN 51mm
PLATING: 100% HOT TIN DIP: 0.0005-0.0025mm.
MATERIAL TYPE 3: C14530 CU TO ASTM B-152
THICKNESS: 0.305 ± 0.008
TENSILE STRENGTH: 324-394 MPa
YIELD STRENGTH: 655-862 MPa
MINIMUM ELONGATION: 2.0% IN 51mm
PLATING: SEE SPECIAL PLATING SECTION FOR INLAY GOLD.
MATERIAL TYPE 4: C17410 BE CU TO ASTM B-768
THICKNESS: 0.203 ± 0.008
TENSILE STRENGTH: 758-897 MPa
YIELD STRENGTH: 655-862 MPa
MINIMUM ELONGATION: 7% IN 51mm
PLATING: SULFAMATE DUCTILE NICKEL 0.00127-0.0025mm.
TO ASTM B689 TYPE 2.
MATERIAL TYPE 5: C14530 CU TO ASTM B-152
THICKNESS: 0.305 ± 0.008
TENSILE STRENGTH: 372-442 MPa
YIELD STRENGTH: 655-862 MPa
MINIMUM ELONGATION: 2.0% IN 51mm
PLATING: SEE SPECIAL PLATING SECTION FOR SPOT GOLD.
 - 3) THE APEX 2.80mm TERMINAL IS SYMMETRICAL ABOUT CENTERLINE AND CAN BE INSERTED 180°
 - 4) DIMENSIONAL TOLERANCE:
1 PLACE ±0.25
2 PLACE ±0.10
ANGULAR ±3°
 - 5) FOR CAVITY SPECIFICATION INFORMATION
REFERENCE FCI DRAWING 15001 FOR UNSEALED CAVITY
AND FCI DRAWING C15006 FOR SEALED CAVITY
 - 6) TERMINALS THAT CONTAIN NYE UNIFLOR 8917
GREASE TO HAVE 4 MILLIGRAMS
MINIMUM OF THE GREASE APPLIED TO
THE CONTACT AREA
 - 7) DRAWING CONFORMS TO AVP - (T401/T406)-001
 - 8) SEE USCAR DRAWING EWCAP-001 FOR DIRECT CONNECT MATING
BLADE INFORMATION
 - 9) ANNUAL QUALITY REQUIREMENTS:
FCI SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT &
ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER
- CURRENT PRODUCTION TOOLING
- POINT OF LAST RUN.
 - 10) VENDOR, TOOL, GRIP & WEEK CODES MUST BE PRESENT & LEGIBLE
 - 11) SC DESIGNATES SPC DIMENSION
 - 12) CS DESIGNATES CABLE SEALED
U/S DESIGNATES UNSEALED
 - 13) CAVITY SPECIFICATIONS, SEE SHEET # 2



GOLD INLAY PLATING OPTION 2

SPOT GOLD PLATING OPTION 3
NOT AVAILABLE AT THIS TIME

TABLE - 1 - TERMINAL GRIP DIMENSION TABLE

FORD PART NO.	FCI PART NO.	METRIC WIRE	ANG. WIRE	GRIP STAMP	PLATING	CABLE/UN SEALED CS/US	GREASED	A+/-0.30	B+/-0.30	(C1)	C2+/-0.30	(D1)	D2+/-0.30	L+/-0.10	V± 0.5 0.3	W±0.30	GRIP STAMP
XF2T-14474-CA	54002231	0.35	22	22	TIN	US	NO	2.6	3.2	0.76	1.7	1.40	2.10	0.00	19.0	7.5	22
9U5T-14474-KA	54001879	0.50, 0.75	18, 20	18	GOLD INLAY	CS	NO	3.0	5.1	1.00	1.9	3.00	3.70	0.60	19.5	8.0	18
AU5T-14474-CAA	F703600	0.50, 0.75	18, 20	18	TIN	CS	YES	3.0	5.1	1.00	1.9	3.00	3.70	0.60	19.5	8.0	18
XL3T-14474-DA	54001840	0.50, 0.75	18, 20	18	TIN	CS	NO	3.0	5.1	1.00	1.9	3.00	3.70	0.60	19.5	8.0	18
AU5T-14474-ZA	F703500	0.50, 0.75	18, 20	18	GOLD SPOT	CS	NO	3.0	5.1	1.00	1.9	3.00	3.70	0.60	19.5	8.0	18
AU5T-14474-XA	F903500	0.50, 0.75	18, 20	18	GOLD SPOT	US	NO	3.0	5.1	1.00	1.9	3.00	3.70	0.60	19.5	8.0	18
BU5T-14474-GA	54001876	0.50, 0.75	18, 20	18	GOLD INLAY	US	NO	3.0	5.1	1.00	1.9	3.00	3.70	0.60	19.5	8.0	18
F8VB-14474-BA	54001839	0.50, 0.75	18, 20	18	TIN	US	NO	3.0	5.1	1.00	1.9	3.00	3.70	0.60	19.5	8.0	18
YF1T-14474-CA	54001311	0.35, 0.75	18, 20	13	TIN	US	NO	4.60	6.6	1.50	3.7	2.55	6.00	0.60	19.0	7.5	13
9U5T-14474-JA	54001448	0.50, 0.75	14, 16	14	GOLD INLAY	CS	NO	3.8	6.1	1.45	2.3	3.80	4.60	0.80	19.5	8.0	14
4L3T-14474-AA	54001439	0.50, 0.75	14, 16	14	TIN	CS	YES	3.8	6.1	1.45	2.3	3.80	4.60	0.80	19.5	8.0	14
XL3T-14474-AA	54001432	1.50, 2.00	14, 16	14	TIN	CS	NO	3.8	6.1	1.45	2.3	3.80	4.60	0.80	19.5	8.0	14
AU5T-14474-AAA	F803500	1.50, 2.00	14, 16	14	GOLD SPOT	CS	NO	3.8	6.1	1.45	2.3	3.80	4.60	0.80	19.5	8.0	14
AU5T-14474-YA	F013500	1.50, 2.00	14, 16	14	GOLD SPOT	US	NO	3.8	6.1	1.45	2.3	3.80	4.60	0.80	19.5	8.0	14
BU5T-14474-HA	54001446	1.50, 2.00	14, 16	14	GOLD INLAY	US	NO	3.8	6.1	1.45	2.3	3.80	4.60	0.80	19.5	8.0	14
F8VB-14474-AA	54001431	1.50, 2.00	14, 16	14	TIN	US	NO	3.8	6.1	1.45	2.3	3.80	4.60	0.80	19.5	8.0	14
XL3T-14474-CA	54001220	4.00	12	12	TIN	CS	NO	5.2	6.6	2.30	3.2	4.30	5.20	1.10	19.5	8.0	12
4L3T-14474-CA	54001221	4.00	12	12	TIN	CS	YES	5.2	6.6	2.30	3.2	4.30	5.20	1.10	19.5	8.0	12
7L7T-14474-EA	54001227	4.00	12	12	TIN	US	NO	5.2	6.6	2.30	3.2	4.30	5.20	1.10	19.5	8.0	12
XF2T-14474-BA	54001018	4.00	10	10	TIN	US	NO	5.2	6.6	2.30	3.2	4.30	5.20	1.10	19.5	8.0	10

1. SPOT GOLD PLATING IS NOT AVAILABLE AT THIS TIME. 2. GREASE USED IS NYE UNIFLOR 8917.

REFERENCE FCI - AUTOMOTIVE (7362)			
FOR INFORMATION CONTACT: FCI - AUTOMOTIVE (7362)			
PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-M99P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT.			
DRAFTED IN ACCORDANCE WITH FAO ENGINEERING DRAFTING STANDARD CURRENT AT INITIAL RELEASE		3 RD ANGLE PROJ DIMENSIONS IN MILLIMETERS	
CAD TYPE	CAD LOC.	CAD FILE	DTM
X-PROE	N/A		IS MASTER
OPER. NO.	UNIT	DRAWING	
		F8VB-14474-AA	
DESIGN JAB	DETAIL RS	TITLE	SHT 1 OF 2
CHECKED JAB	SAFETY	TERMINAL - (2.80MM) WIRE SNAP ON FEMALE	
SCALE	DATE	DIVISION	
4:1	2004/12/15	PLANT	

DRW SIZE A0/E

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Aptiv:](#)

[54001018](#) [54001431](#) [54001432](#) [54001876](#) [54001840](#) [54001839](#) [54001879-L](#) [54001448](#) [F703600](#) [54001018RWC](#)
[54001879](#)