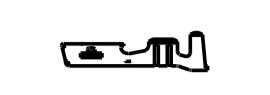
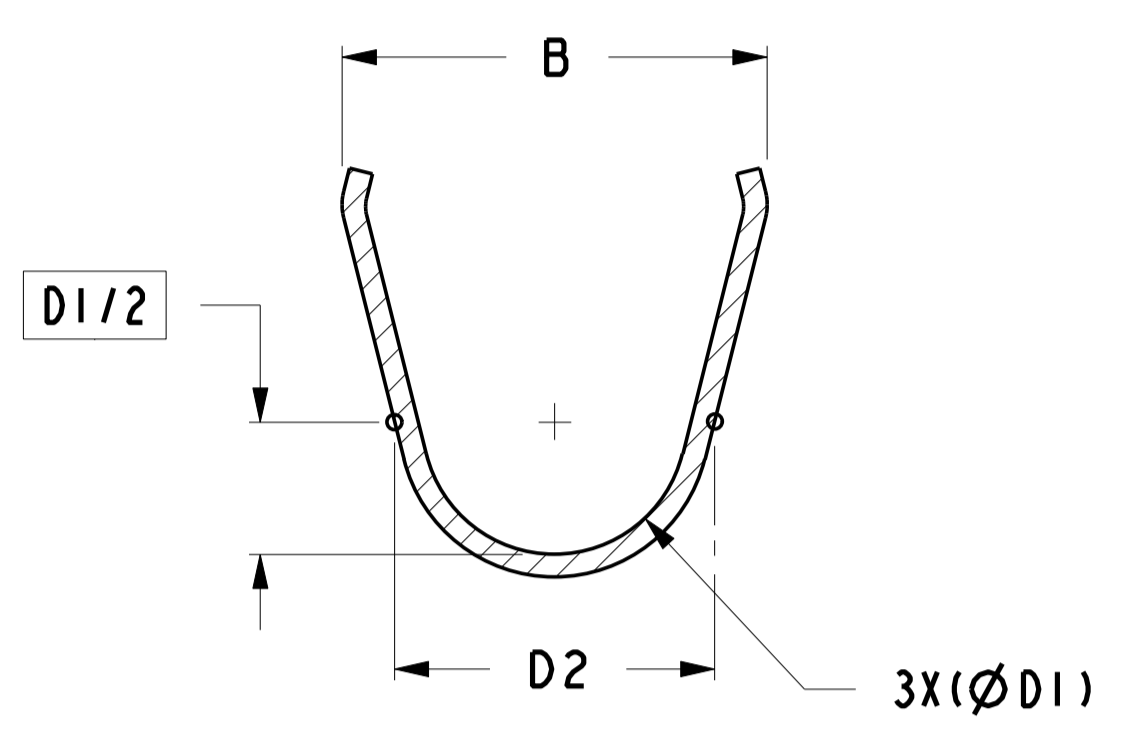
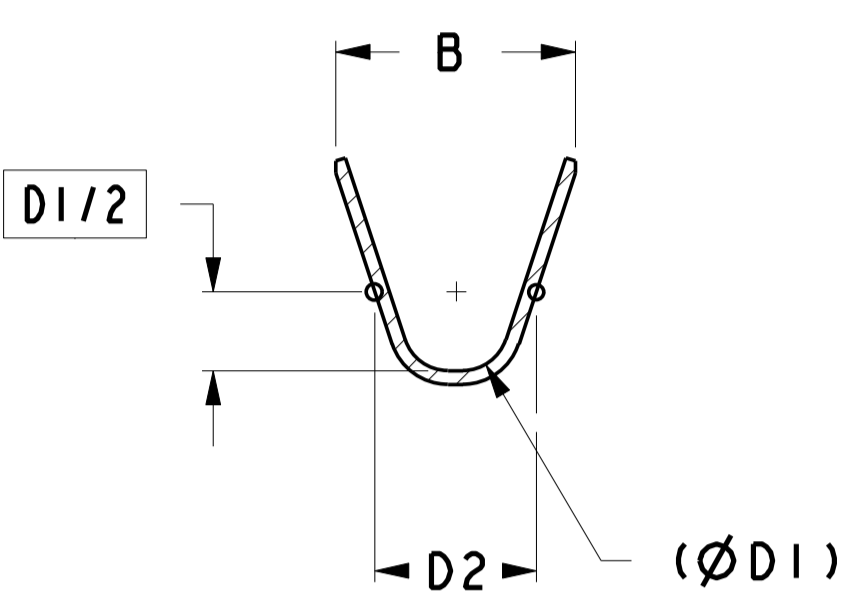
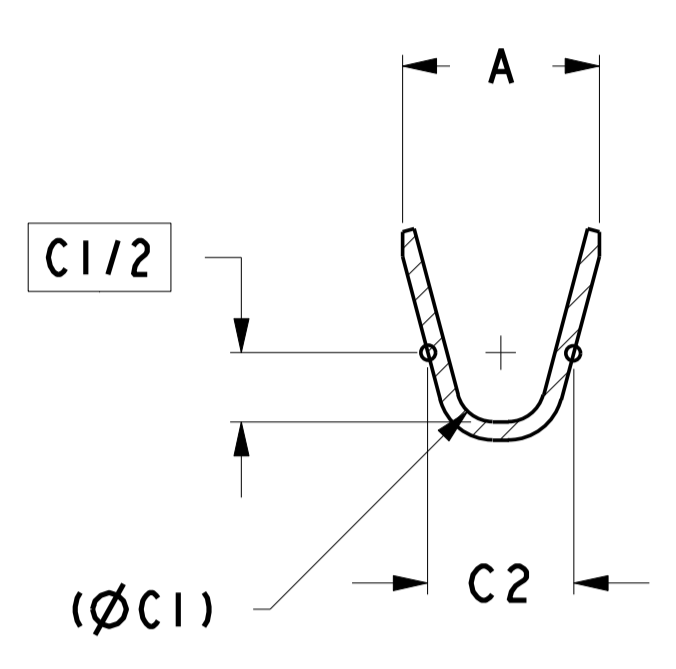
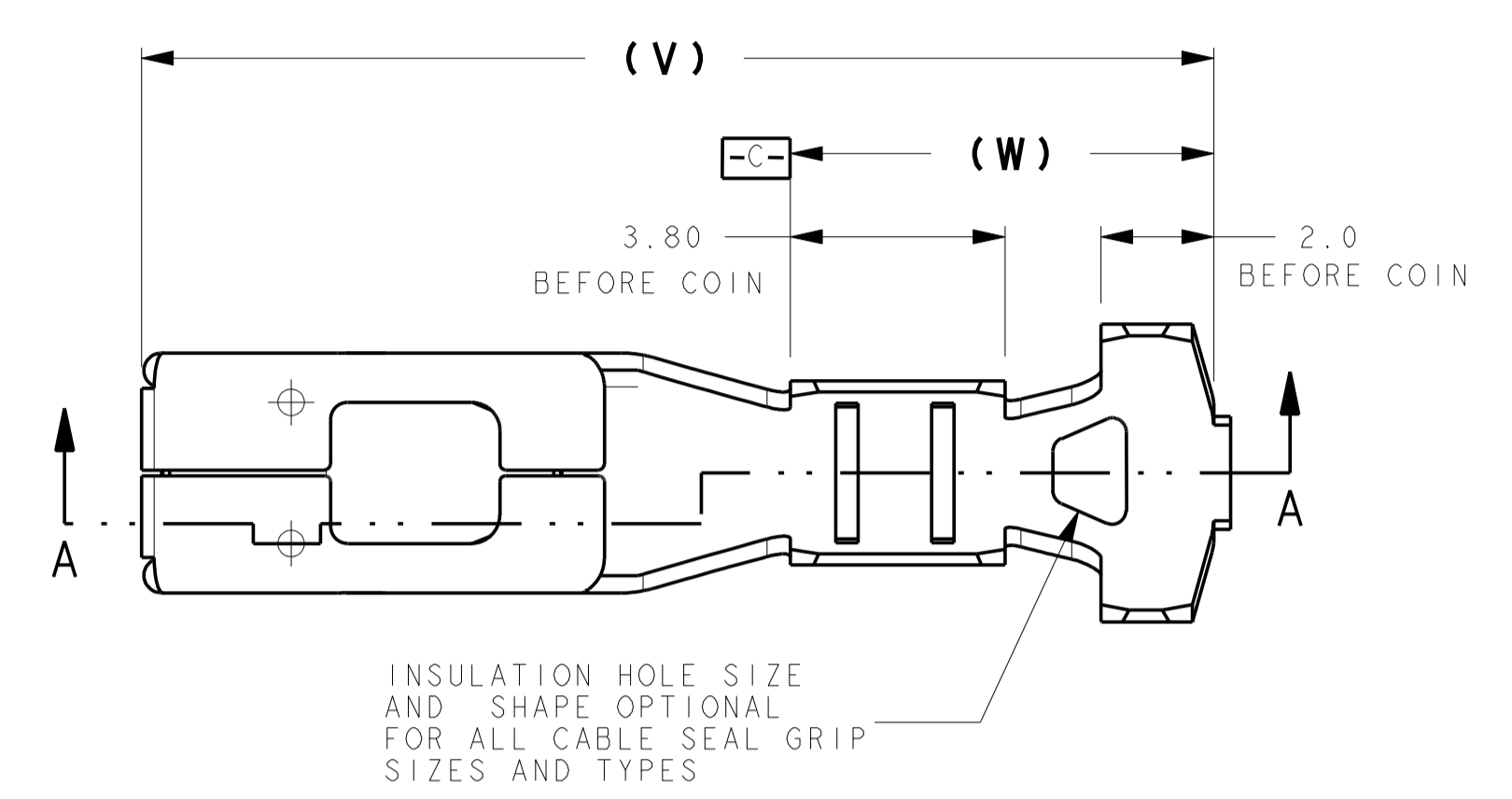


REVISED AND REDRAWN AFTER INTERNAL REVISION AB  
 AC1 ADDED METRIC EQUIVALENT WIRE CODES  
 AC2 REMOVED CRIMP INFORMATION AND VIEWS  
 DATE: 20100928  
 AELLE-E-11186306-131



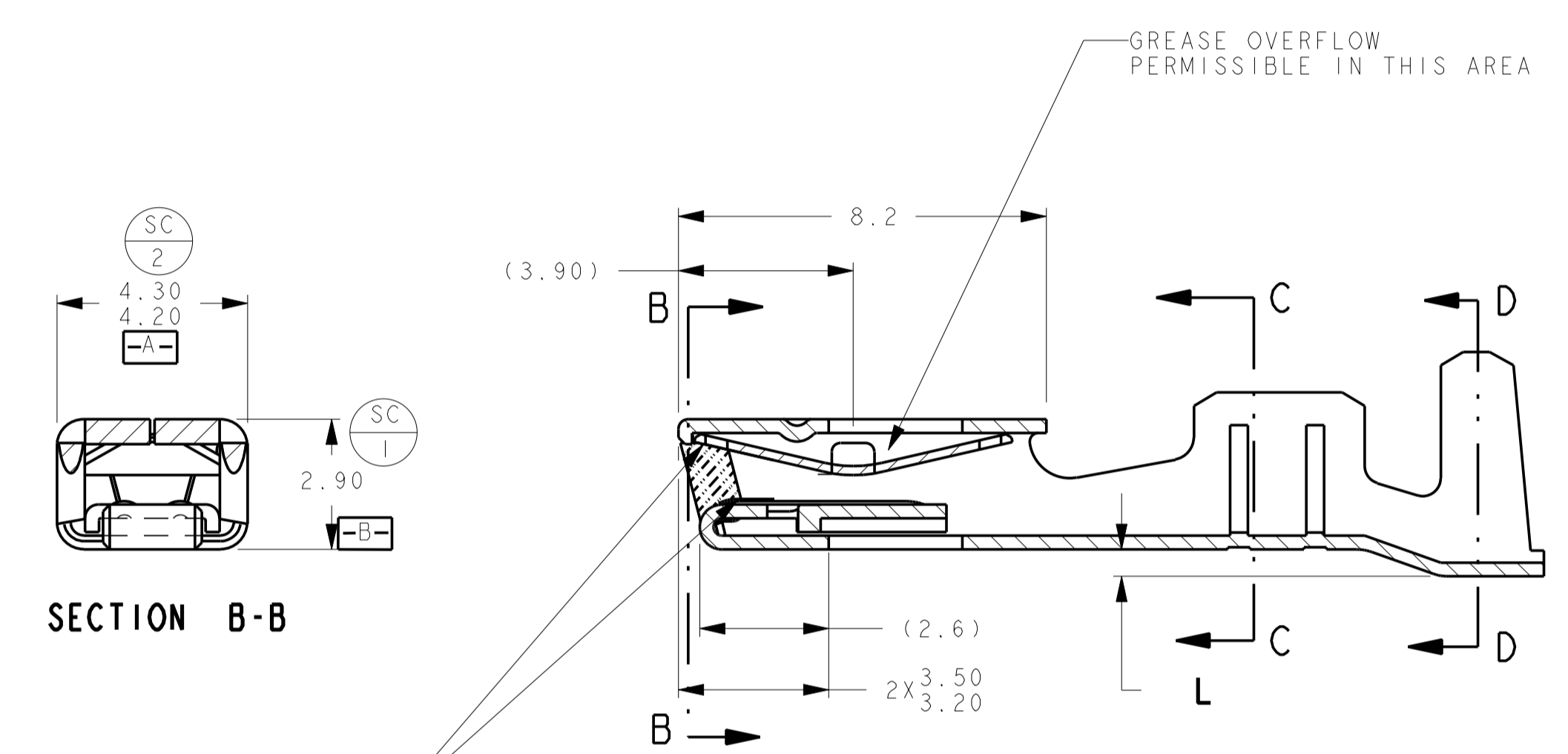
ACTUAL SIZE



SECTION C-C  
CORE GRIP

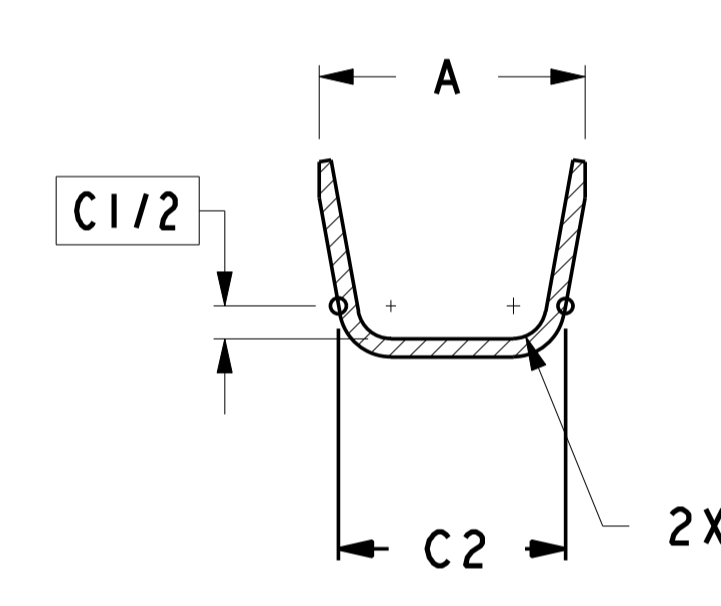
SECTION D-D  
UNSEALED  
INSULATION GRIP

SECTION D-D  
CABLE SEAL  
INSULATION GRIP

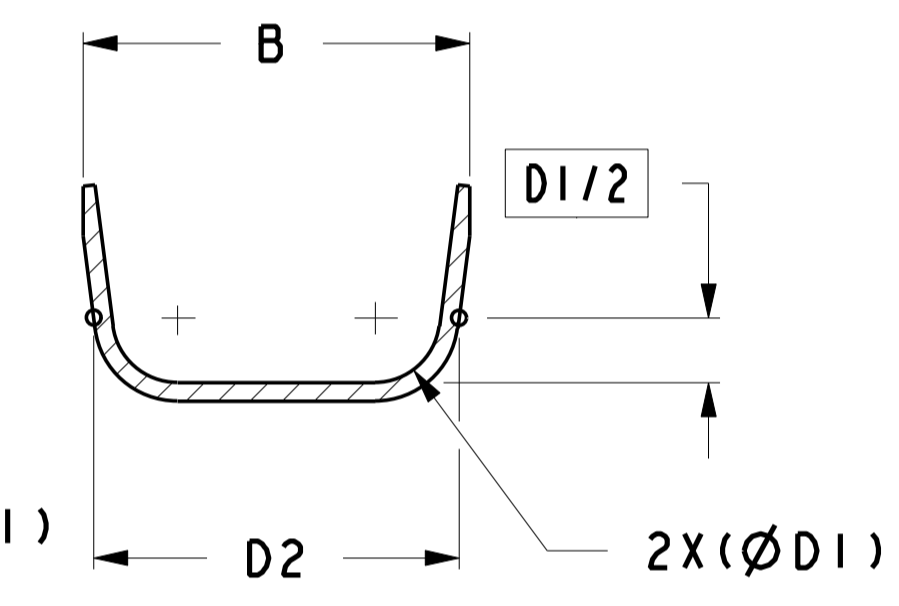


SECTION B-B

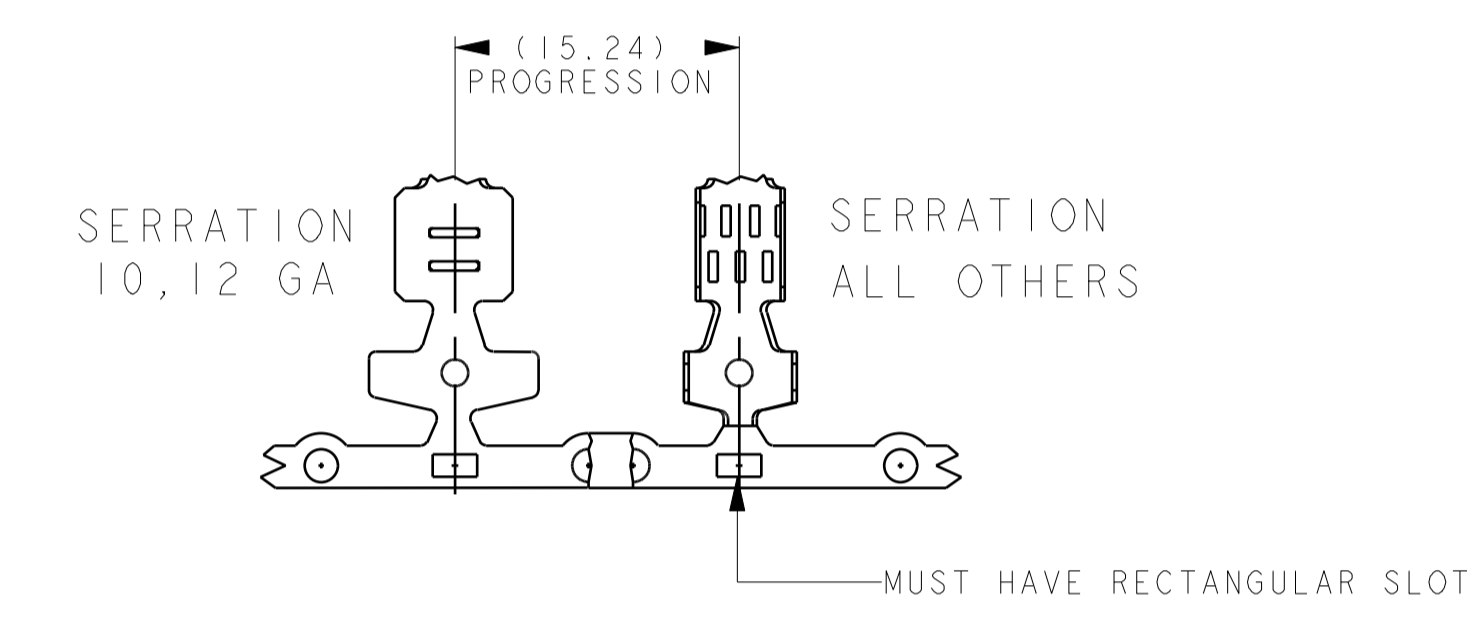
SECTION A-A



SECTION C-C  
DOUBLE WIRE  
(13GA) CORE GRIP



SECTION D-D  
DOUBLE WIRE  
(13GA) INSULATION GRIP

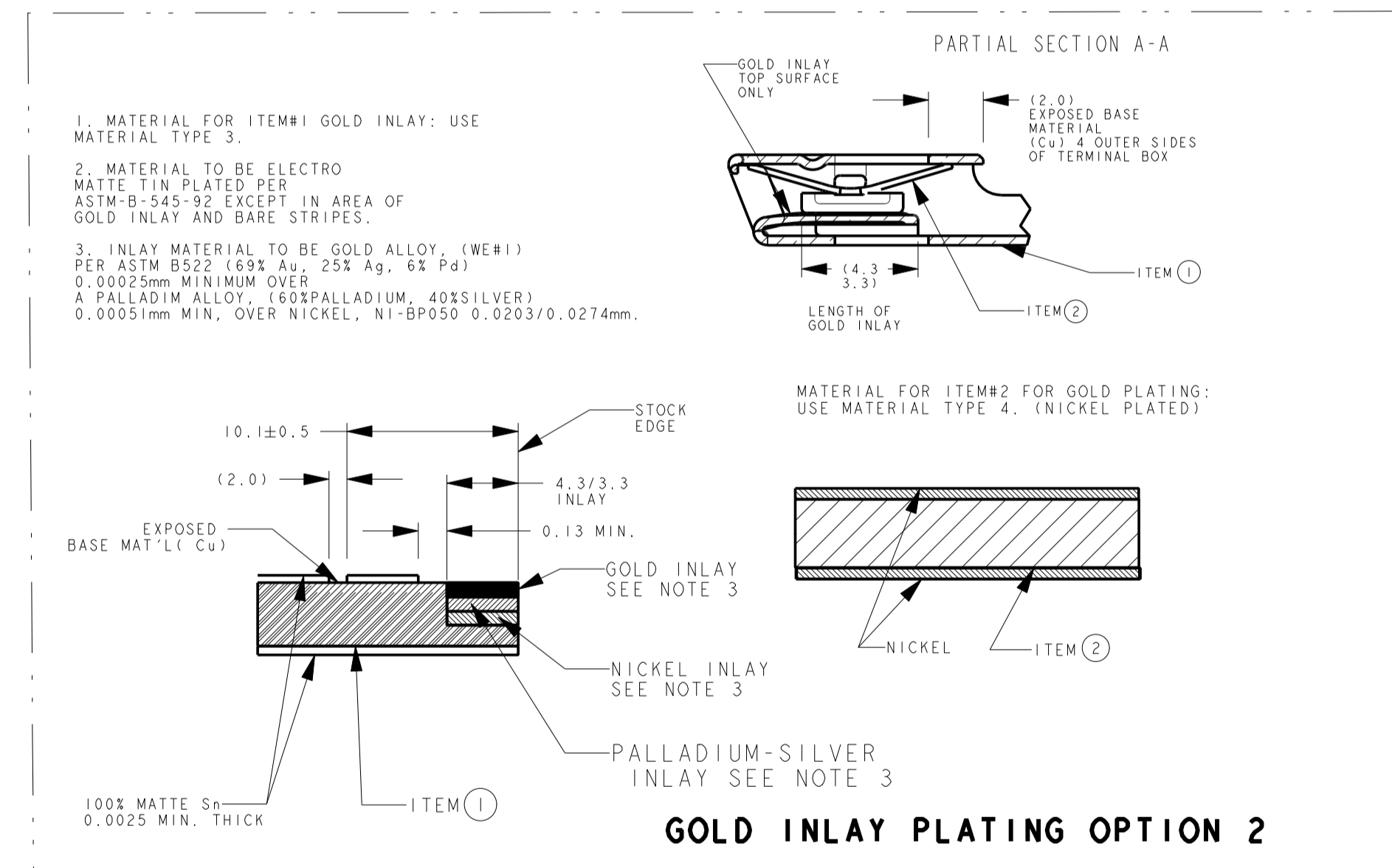


TIN PLATING OPTION 1.  
USE MATERIAL TYPE 1&2.

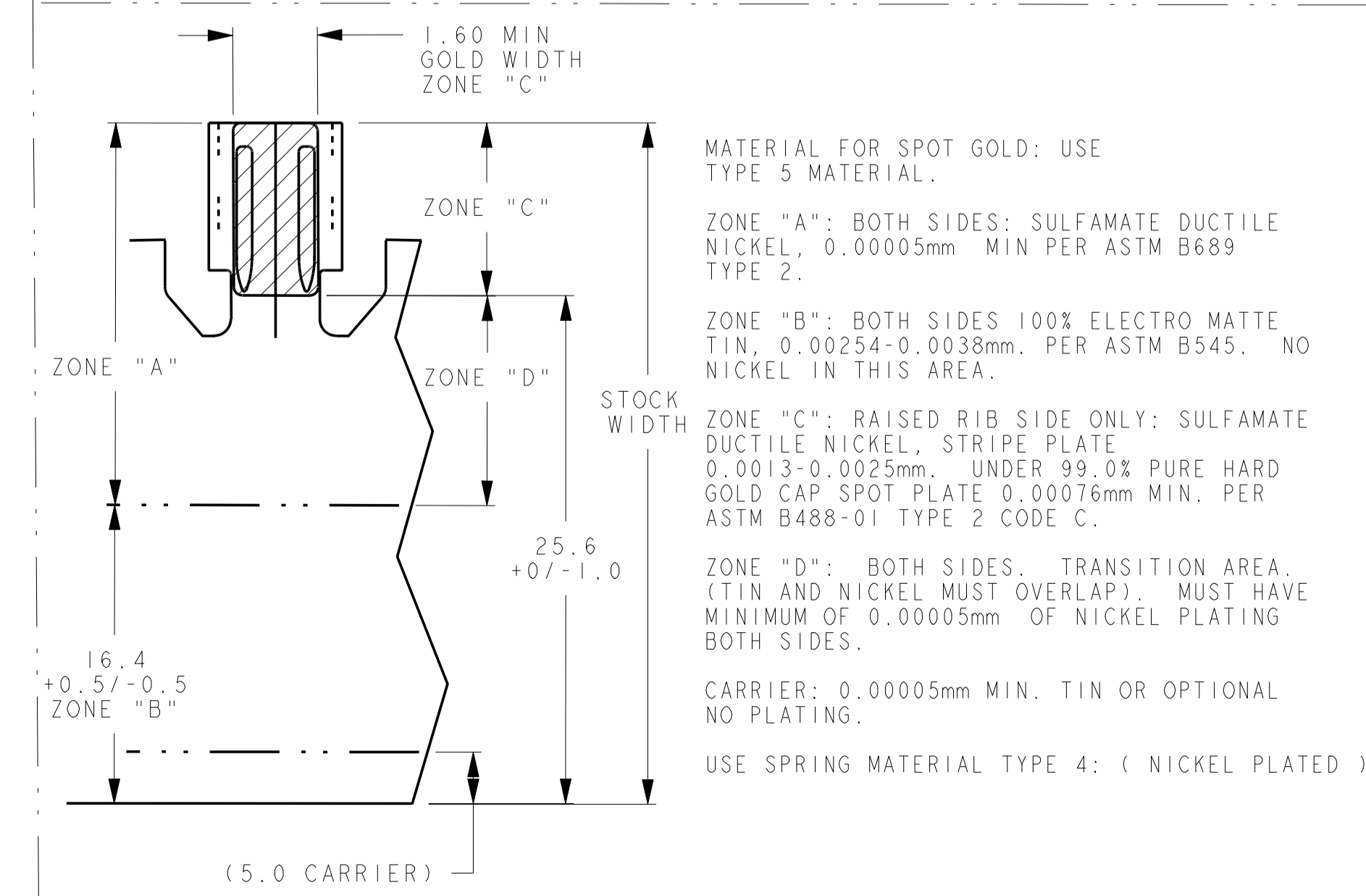
FOR ALL CRIMP INFORMATION, SEE FCI APEX 2.8 TERMINAL GUIDELINES FOUND ON THE FCI "U" DRIVE IN THE CRIMP GUIDELINE FOLDER.

NOTES:

- CONFORMS TO ALL APPLICABLE SECTIONS OF: SAE/USCAR-2 REV.3 EXCEPT TERMINAL BEND RESISTANCE SECTION 5.2.2 SAE/USCAR-12 REV 2 SAE/USCAR-21 FORD SDS VER 11
- 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: 2.0% 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 324-394 MPa YIELD STRENGTH 655-862 MPa MINIMUM ELONGATION: 2.0% IN 51mm PLATING: SEE SPECIAL PLATING SECTION FOR SPOT GOLD.



GOLD INLAY PLATING OPTION 2



SPOT GOLD PLATING OPTION 3  
NOT AVAILABLE AT THIS TIME

- THE APEX 2.80mm TERMINAL IS SYMMETRICAL ABOUT CENTERLINE AND CAN BE INSERTED 180°
- DIMENSIONAL TOLERANCE: 1 PLACE ± 0.25 2 PLACE ± 0.10 ANGULAR ± 3°
- FOR CAVITY SPECIFICATION INFORMATION REFERENCE FCI DRAWING 15001 FOR UNSEALED CAVITY AND FCI DRAWING C15006 FOR SEALED CAVITY
- TERMINALS THAT CONTAIN NYE UNIFLOR 8917 GREASE TO HAVE 4 MILLIGRAMS MINIMUM OF THE GREASE APPLIED TO THE CONTACT AREA
- DRAWING CONFORMS TO AVE - (T401/T406)-001
- SEE USCAR DRAWING EWCAP-001 FOR DIRECT CONNECT MATING BLADE INFORMATION
- ANNUAL QUALITY REQUIREMENTS: FCI SPECIFICATION #AGA-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF OS-9000 SECTION 2 IT IS PERMISSIBLE TO PERFORM CONTINUOUS PERFORMANCE PER CURRENT PRODUCTION TOOLING - POINT OF LAST RUN.
- VENDOR, TOOL, GRIP & WEEK CODES MUST BE PRESENT & LEGIBLE
- SC DESIGNATES SPC DIMENSION
- CS DESIGNATES CABLE SEALED U/S DESIGNATES UNSEALED
- CAVITY SPECIFICATIONS, SEE SHEET # 2

FORD PART NO.	FCI PART NO.	METRIC WIRE	ANG WIRE	GRIP STAMP	PLATING	CABLE/ION 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										
XL3T-14474-DA	54001840	0.50/0.75	18, 20	18	TIN	CS	NO	3.0	3.8	1.00	1.9	1.75	2.70	0.00	19.0	7.5	18
AU5T-14474-ZA	F703500	0.50/0.75	18, 20	18	GOLD SPOT	CS	NO										
AU5T-14474-XA	F903500	0.50/0.75	18, 20	18	GOLD SPOT	US	NO	3.0	3.0	1.00	1.9	1.75	2.70	0.00	19.0	7.5	18
8U5T-14474-GA	54001876	0.50/0.75	18, 20	18	GOLD INLAY	US	NO										
F8VB-14474-BA	54001839	0.50/0.75	18, 20	18	TIN	US	NO	4.60	6.6	1.50	3.7	2.55	6.00	0.60	19.0	7.5	13
YF1T-14474-CA	54001311	0.35/1.00	18/20	2 WIRE	TIN	US	NO										
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										
XL3T-14474-AA	54001432	1.50/2.00	14, 16	14	TIN	CS	NO	3.8	14, 16	1.4	GOLD SPOT	CS	NO	19.5	8.0	14	
AU5T-14474-AAA	F803500	1.50/2.00	14, 16	14	GOLD SPOT	CS	NO										
AU5T-14474-YA	F013500	1.50/2.00	14, 16	14	GOLD SPOT	US	NO	3.8	4.7	1.45	2.3	2.25	3.20	0.40	19.0	7.5	14
8U5T-14474-HA	54001446	1.50/2.00	14, 16	14	GOLD INLAY	US	NO										
F8VB-14474-AA	54001431	1.50/2.00	14, 16	14	TIN	US	NO	5.2	6.6	2.30	3.2	4.30	5.20	1.10	19.5	8.0	12
XL3T-14474-CA	54001220	4.00	12	12	TIN	CS	NO										
4L3T-14474-CA	54001221	4.00	12	12	TIN	CS	YES	5.2	5.2	2.30	3.2	3.00	3.80	0.40	19.0	7.5	12
7L7T-14474-EA	54001227	4.00	12	12	TIN	US	NO										
XF2T-14474-BA	54001018	4.00	10	10	TIN	US	NO	5.2	6.5	2.30	3.2	3.20	4.00	0.80	19.0	7.5	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-M899999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT.

DRAFTED IN ACCORDANCE WITH FAO ENGINEERING DRAFTING STANDARD CURRENT AT INITIAL RELEASE

CAD TYPE CAD LOC. CAD FILE

X-PROE N/A

OPER. NO. UNIT DRAWING F8VB-14474-AA

DESIGN JAB DETAIL RS TITLE 3 RD ANGLE PROJ DIMENSIONS IN MILLIMETERS

CHECKED JAB SAFETY TERMINAL - (2.80MM) WIRE SNAP ON FEMALE

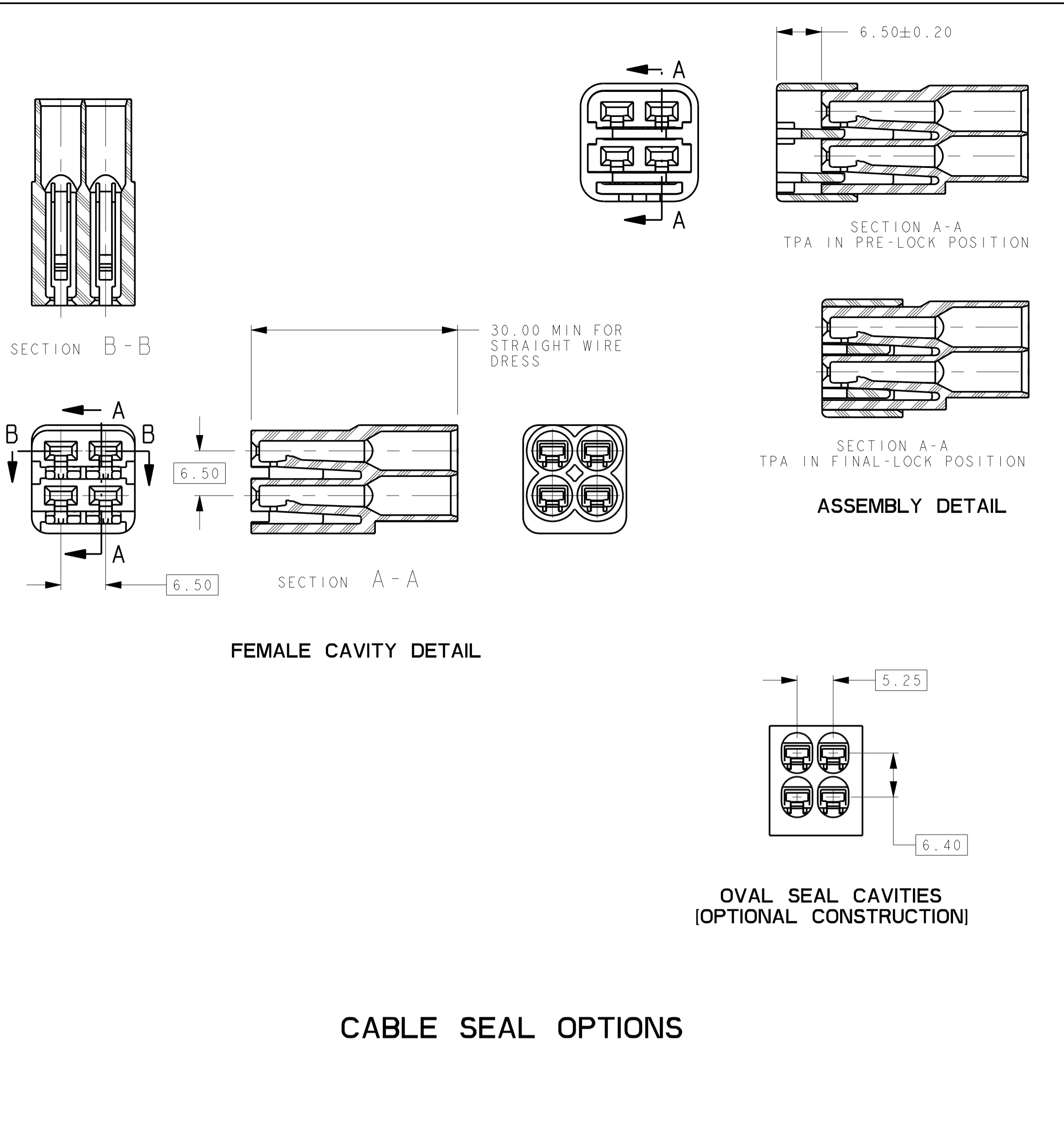
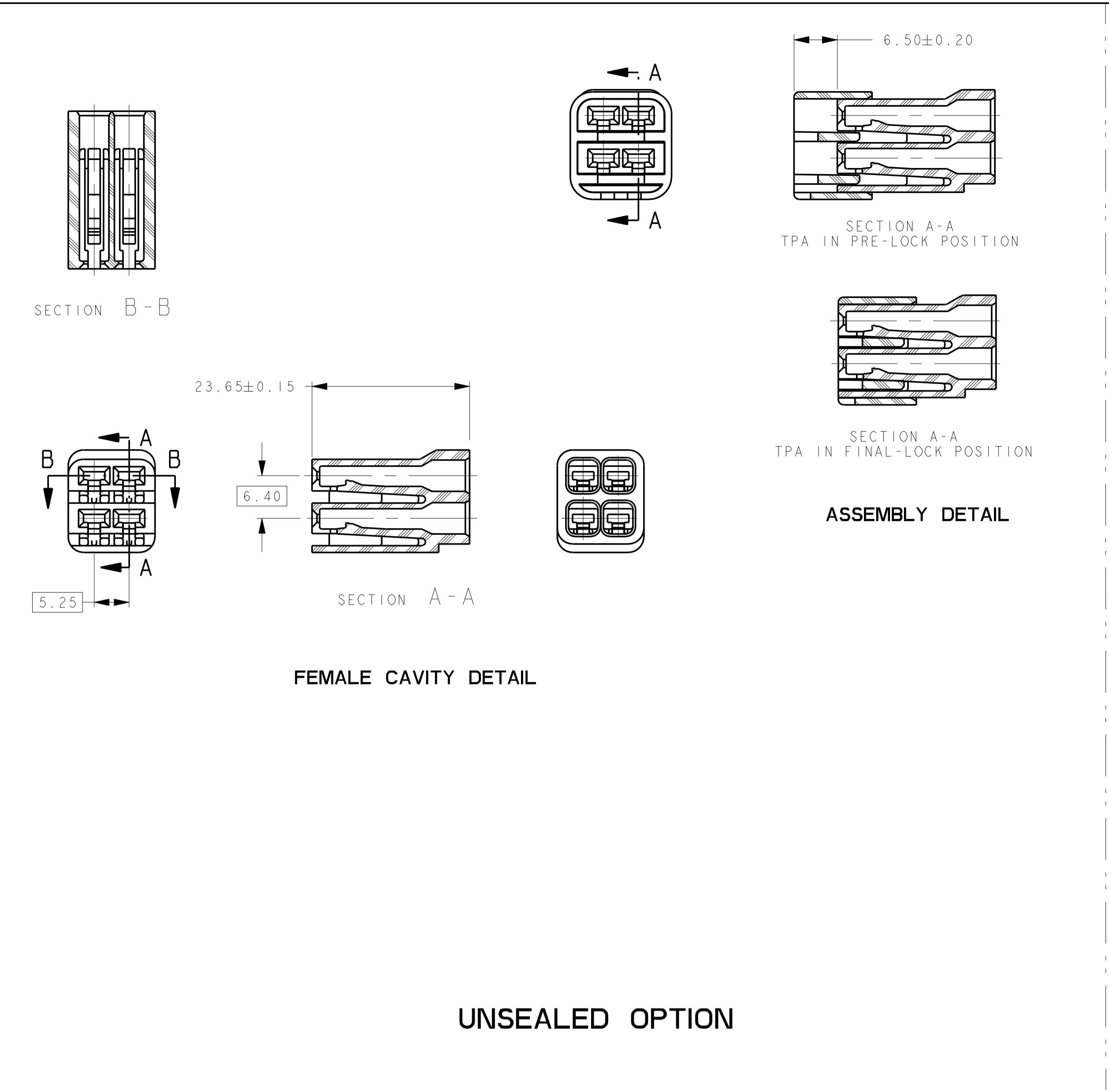
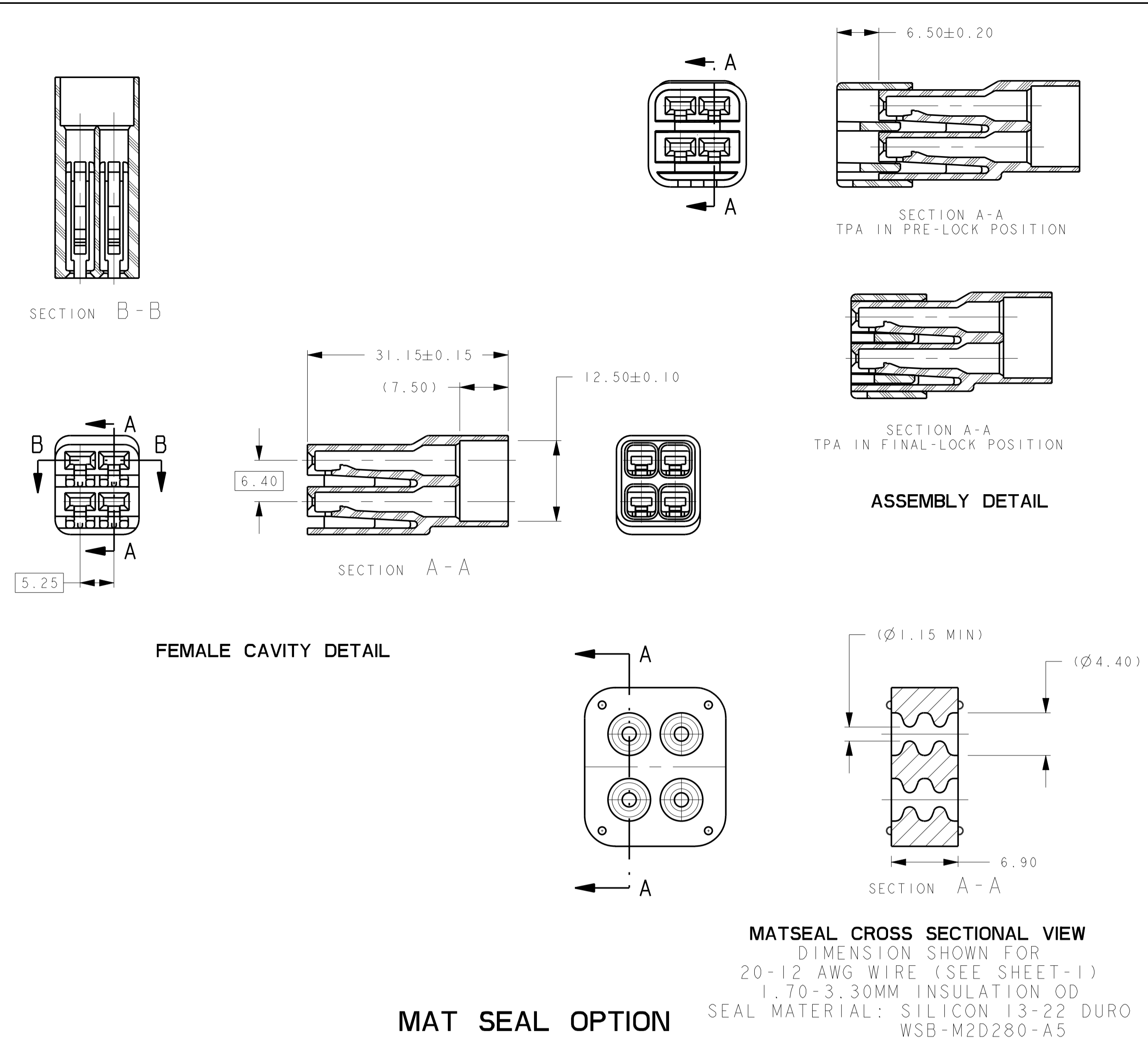
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SHT 1 OF 2

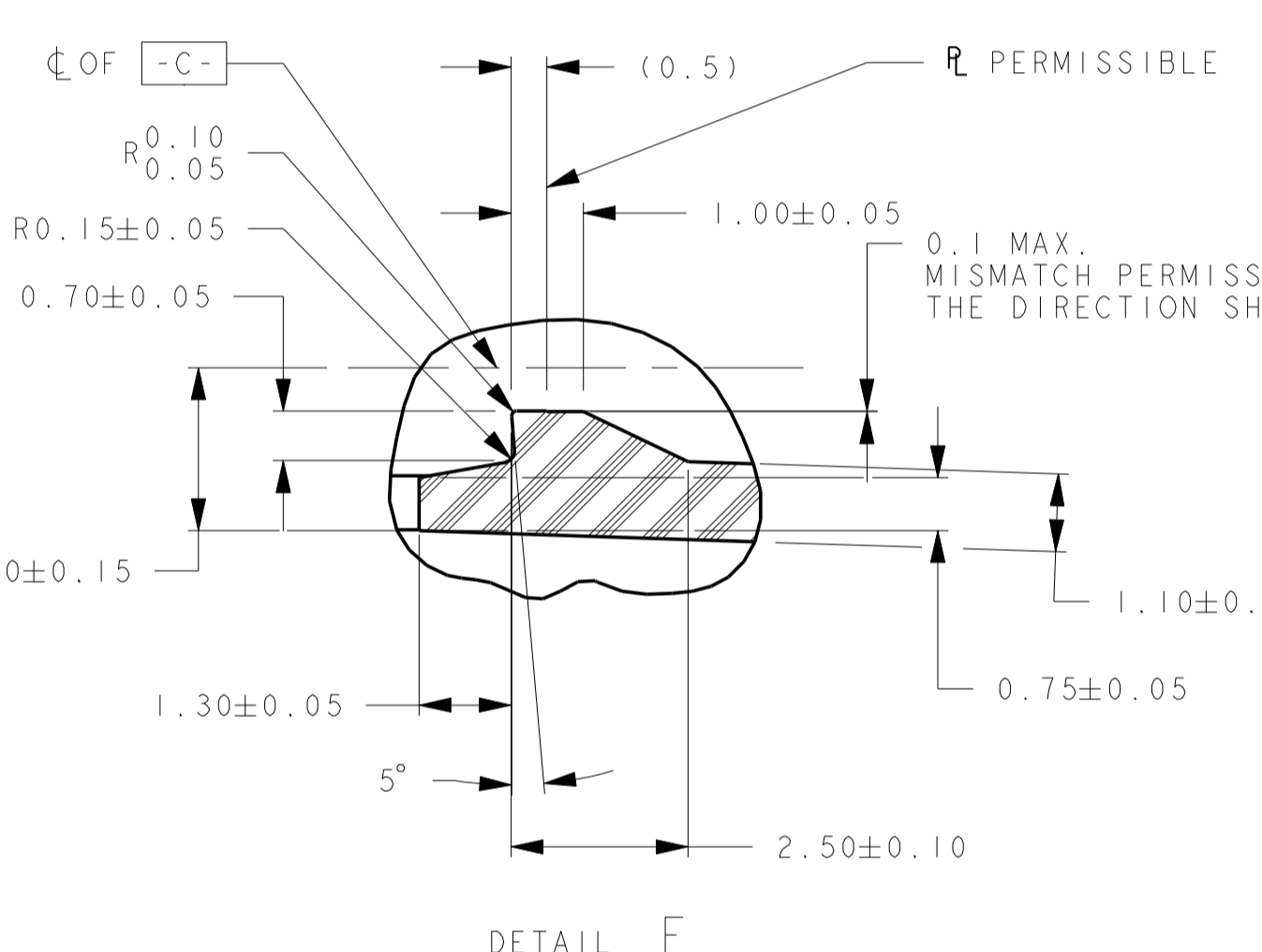
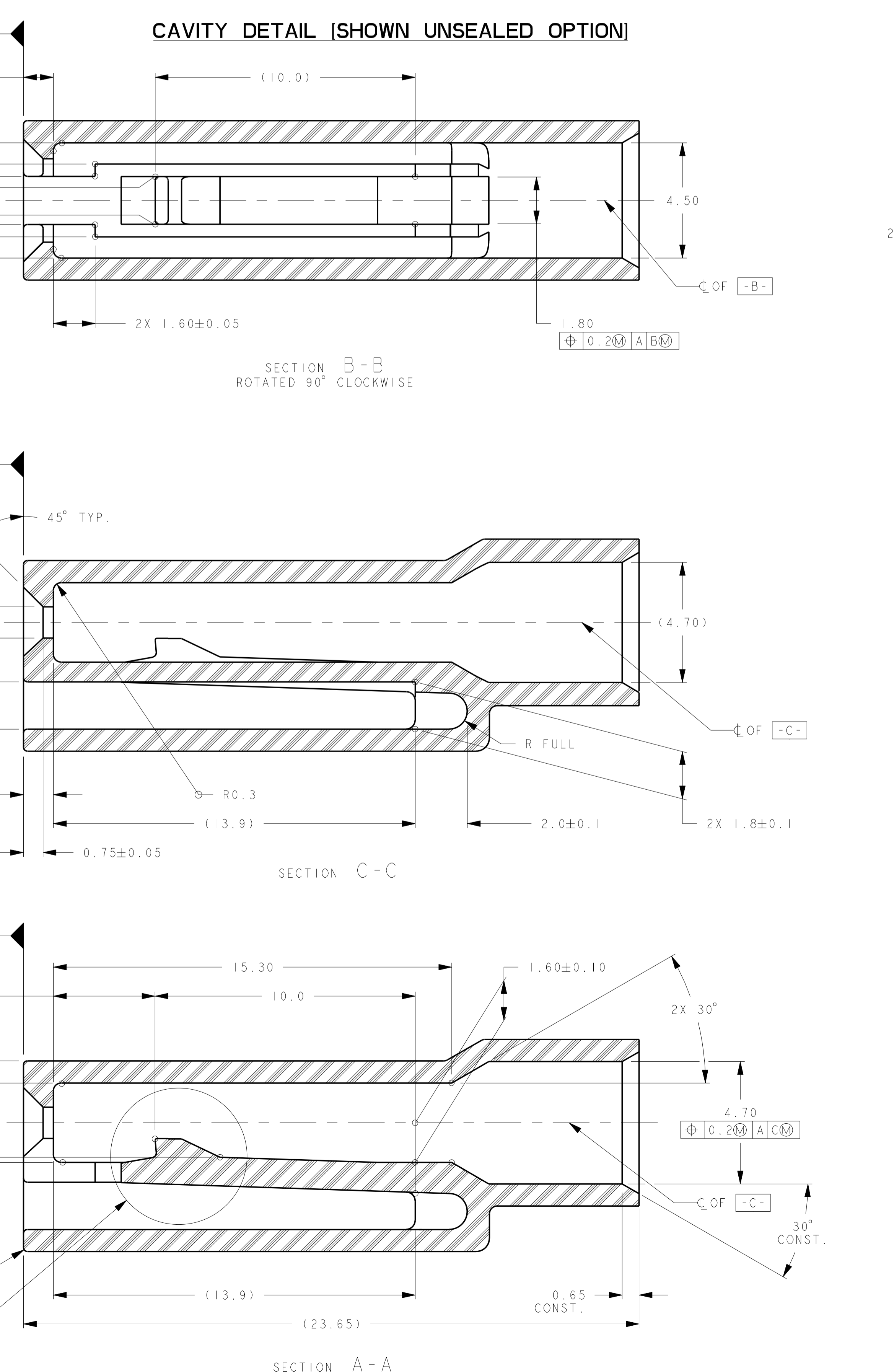
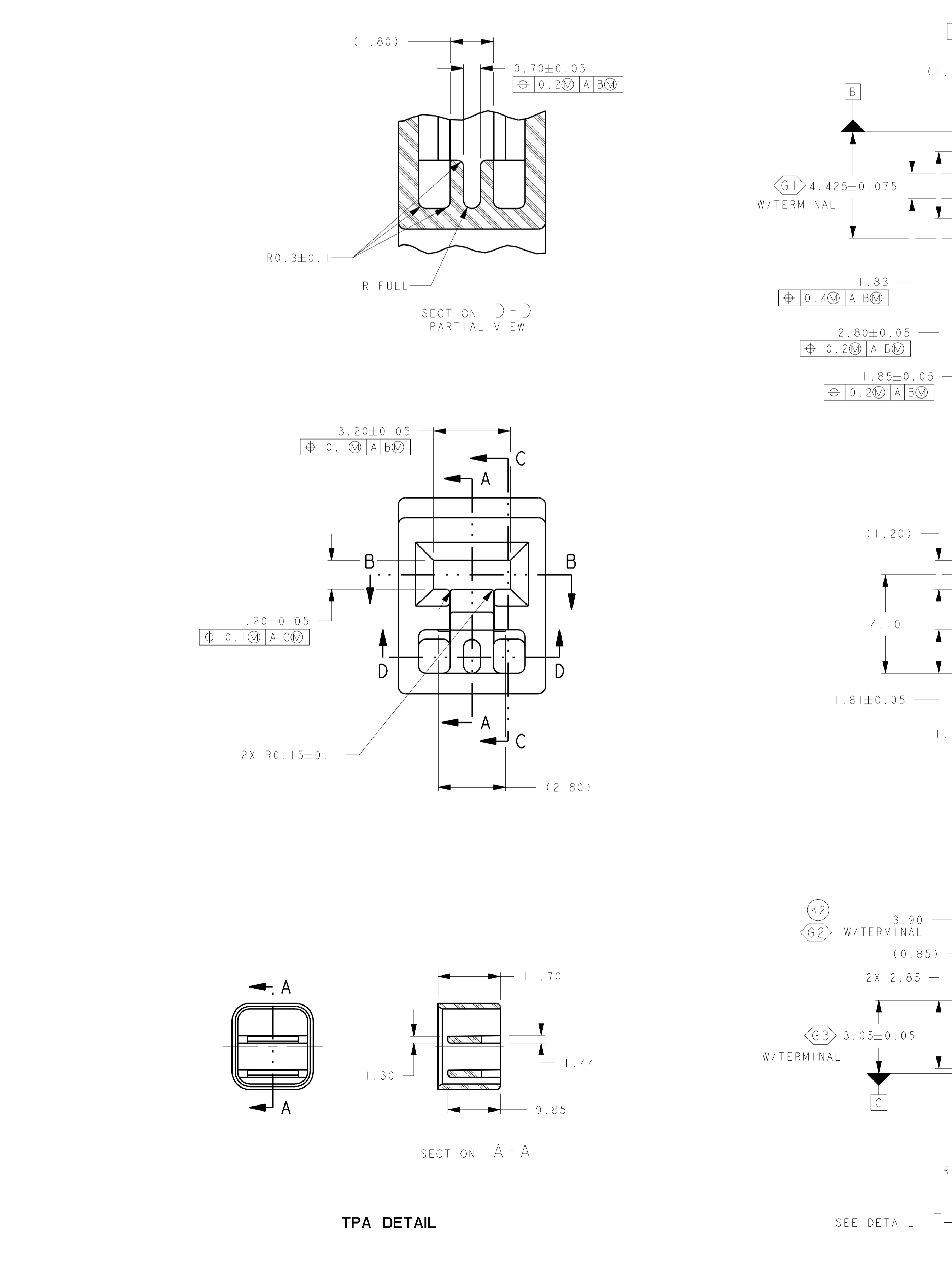
IS MASTER

DTM

DRW SIZE A0E



LTRS	REVISIONS			
	ORIGINATOR	CHECKER	ENG APP	MATL APP



- CAVITY DETAIL NOTES:**
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  3. UNDIMENSIONED FEATURES ARE AT THE DISCRETION OF THE COMPONENT DESIGNER.
  4. INDICATES IN-PROCESS INSPECTION FOR MANUFACTURING DIMENSION(S) OR SPECIFICATION (S).
  5. DENOTES GAGE REQUIREMENTS FOR USER AND MANUFACTURER.
  6. VENDOR MUST SUBMIT FOR ENGINEERING APPROVAL FOR LOCATION OF PARTING LINES PRIOR TO CONSTRUCTION OF DIE.
  7. TO BE USED WITH 2.80mm APEX FEMALE TERMINAL SYSTEM SEE SHEET 1.
  8. UNLESS OTHERWISE SPECIFIED ALL DRAFT TO BE WITHIN DIMENSIONAL TOLERANCE ONLY.
  9. EXTERNAL CAVITY PROFILE FOR REFERENCE ONLY.

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REFERENCE FCI - AUTOMOTIVE (7382)			
FOR INFORMATION CONTACT: FCI - AUTOMOTIVE (7382)			
PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-M99P999-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 TL	TITLE	TERMINAL - (2.8MM)
CHECKED SSS	SAFETY		WIRE SNAP ON FEMALE
SCALE	DATE	DIVISION	PLANT
6:1	200707		

DRW SIZE A0

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