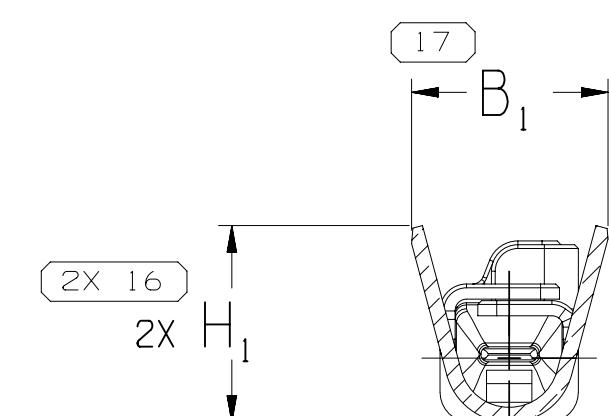
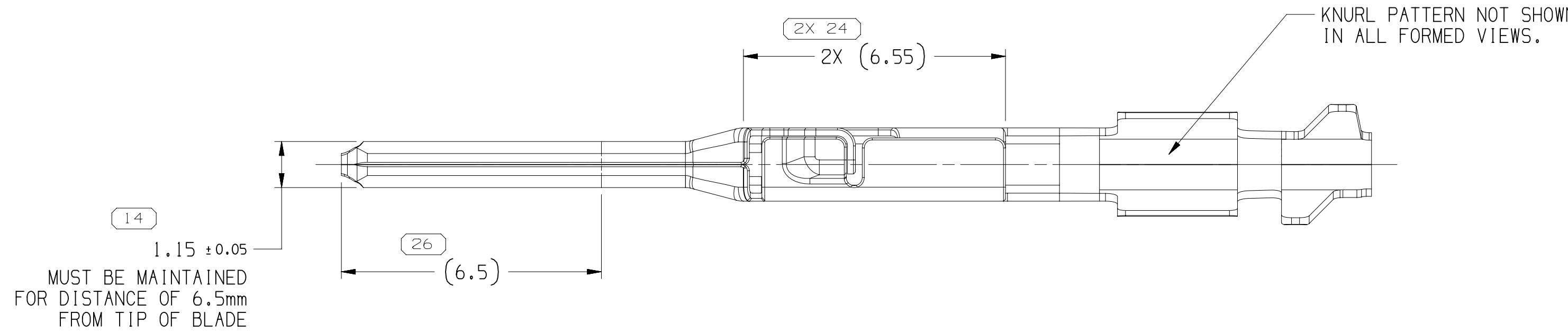
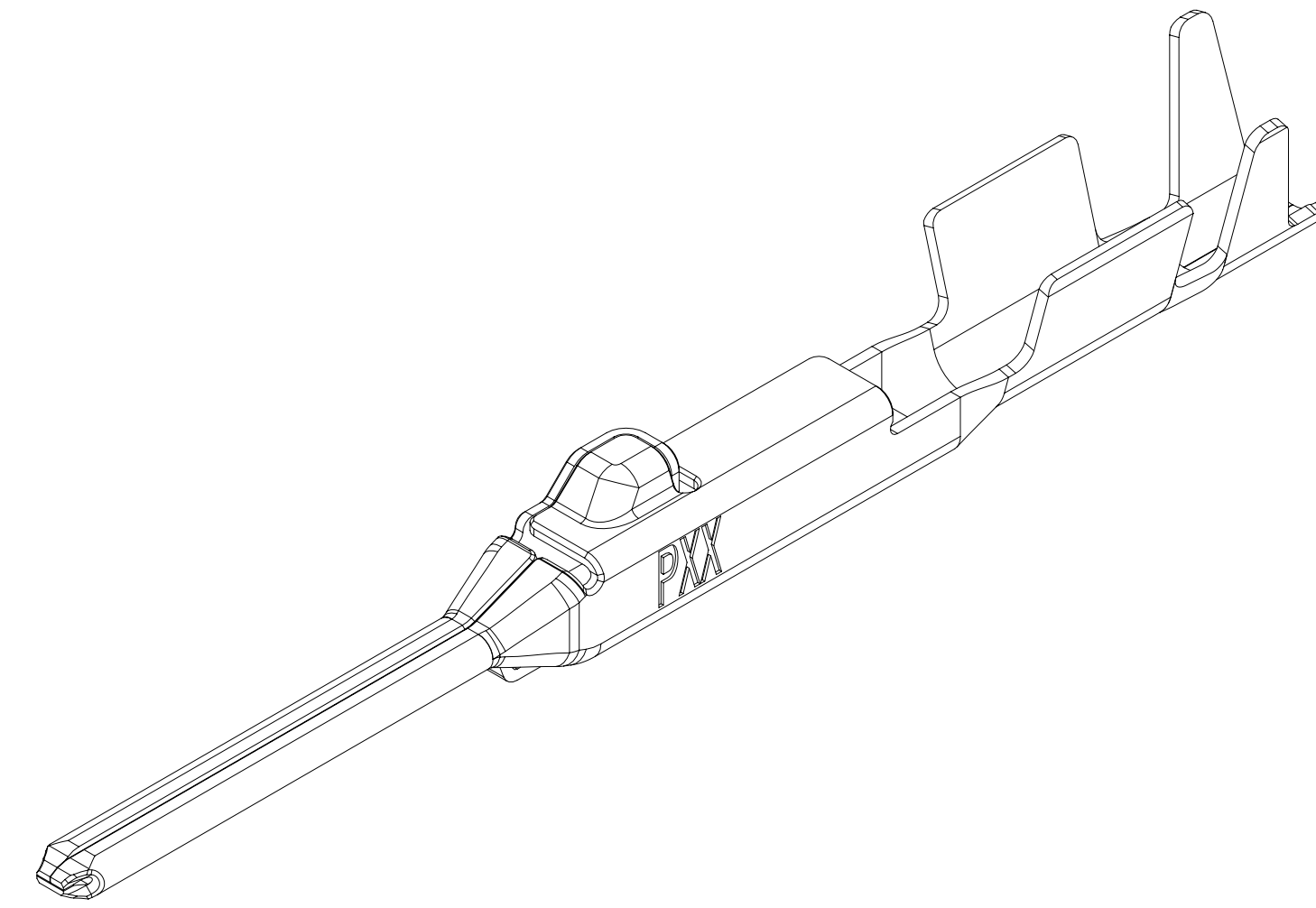
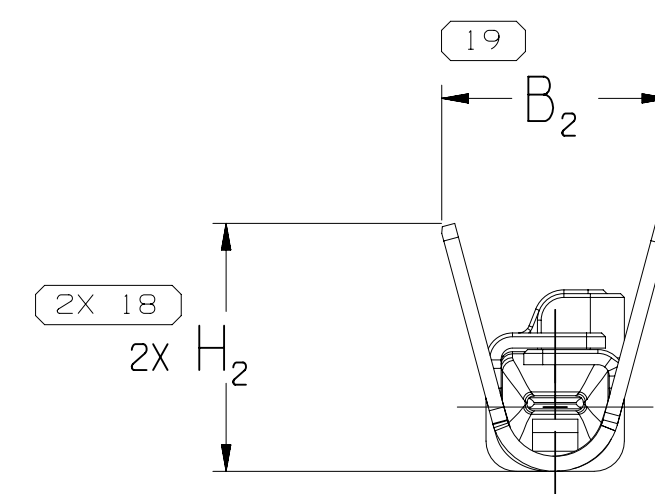
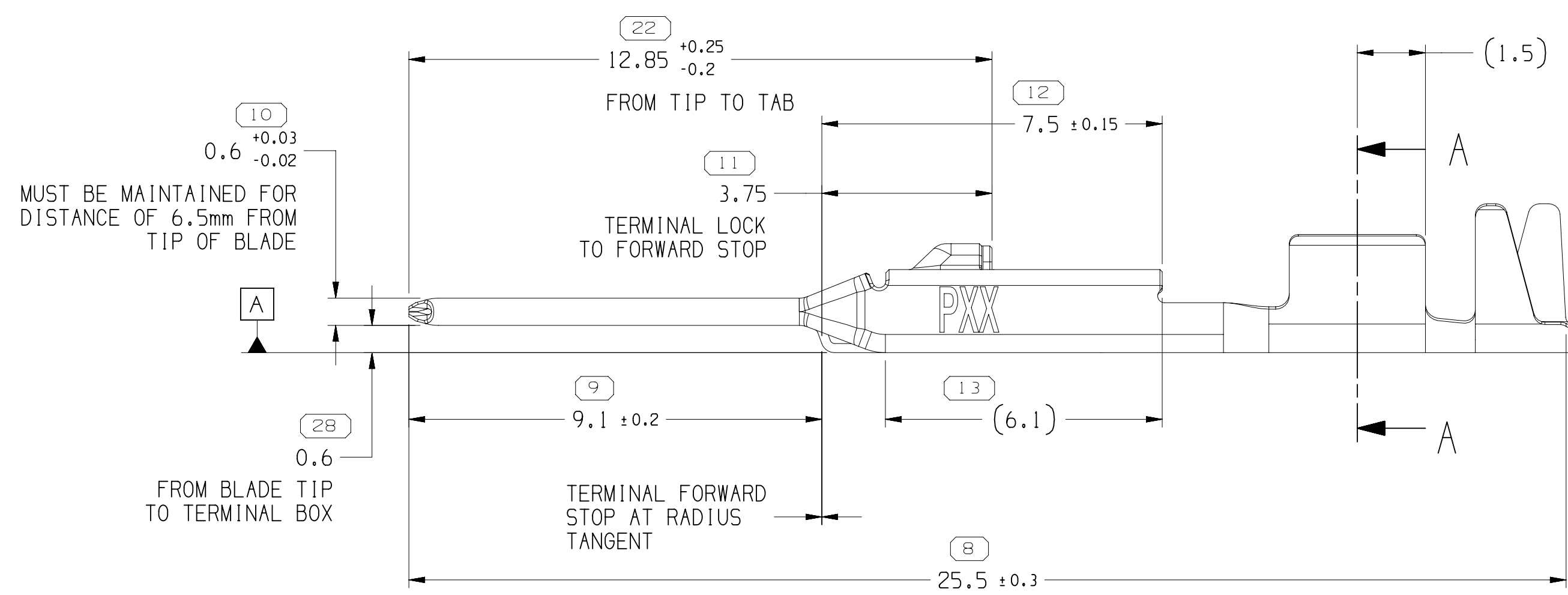
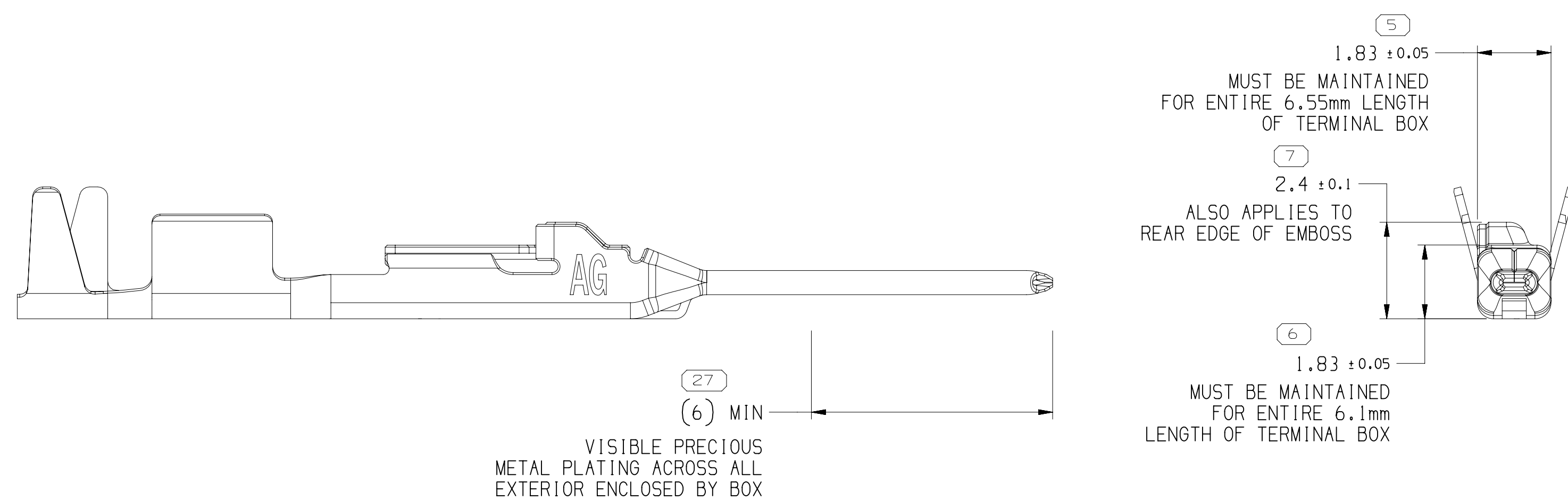


TYPE 402
SAME AS TYPE 401
EXCEPT AS SHOWN



SECTION A - A



TYPE 401

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. FOR TYPE 401 WITH CABLE SIZES UP TO 1.9mm O.D.; MAXIMUM INSULATION CRIMP WIDTH OF 1.9mm AND HEIGHT 1.9mm; MAXIMUM CORE CRIMP WIDTH IS 1.9mm.
- FOR TYPE 401 WITH CABLE SIZES GREATER THAN 1.9mm BUT LESS THAN 2.34mm O.D.; MAXIMUM INSULATION CRIMP WIDTH OF 2.25mm AND HEIGHT 2.35mm; MAXIMUM CORE CRIMP WIDTH IS 1.9mm

FOR TYPE 402 WITH CABLE SIZES UP TO 2.4mm O.D.; MAXIMUM INSULATION CRIMP WIDTH OF 2.6mm AND HEIGHT 2.6mm; MAXIMUM CORE CRIMP WIDTH IS 1.9mm

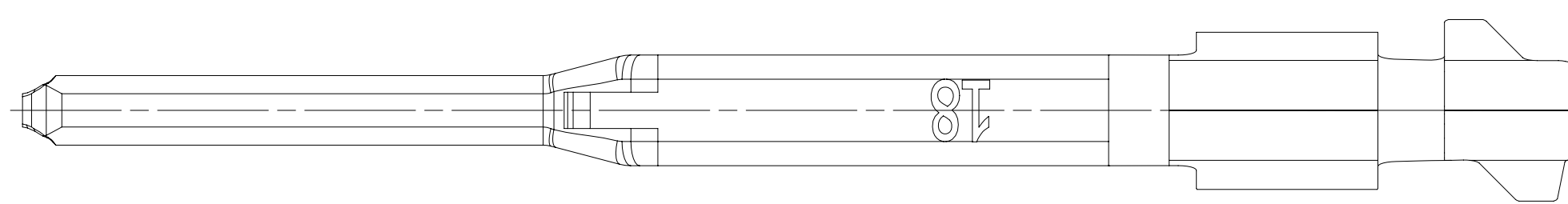
3. PLATING TYPE:

I. REFLOW TIN 1.9 - 3.3 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13 - 0.5 MICROMETERS THICK.

II. SILVER 1.0 - 2.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.254 MICROMETERS THICK.

III. MATTE TIN 1.9 - 7.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.254 MICROMETERS THICK (FOR USE WITH SELECTIVE SILVER PLATING SPECIFICATION)

PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION.



4. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 R6 SECTION 5.3.3 IS 16.5 AMPS WITH 1.5mm² COPPER CABLE.

5. * DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE

6. REFERENCE MATING COMPONENTS OR EQUIVALENTS: TERMINAL 35072409

7. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GWM3191 JUNE 2012 AND SAE/USCAR-2 R6 REVISION FOR THE FOLLOWING CLASSIFICATIONS:

TEMPERATURE CLASS 3 (-40° TO 125°C)
VIBRATION CLASS 1 (ON BODY OR CHASSIS)
SEALING CLASS 1 (UNSEALED) FOR CABLE I.D. 25 & 15
SEALING CLASS 2 OR 3 (SEALED CONNECTOR DEPENDENT) FOR CABLE I.D. 21 & 18

8. FOR TERMINALS PACKAGED & STORED IN THE APPROVED MANNER, TARNISH ON SILVER PLATED SURFACES WILL NOT AFFECT THE PERFORMANCE OF THE PART.

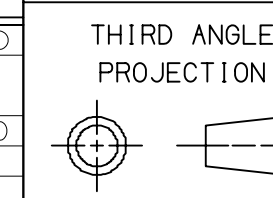
9. 15 CABLE I.D. P/N IS NOT APPROVED FOR USE IN SUMITOMO CONNECTOR HOUSINGS - THE TERMINAL-CONNECTOR POLARIZATION FEATURE IN THE CONNECTOR CAVITY DOES NOT MEET REQUIREMENTS.

SYMBOL DEFINITION		MISSING SYMBOLS	
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	15 21 23 25	
	LAST NO. USED	30	

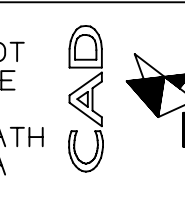
DWG STATUS		ZONE		REVISION HISTORY		AUTH		DR		APV0	
DATE	STG	REV	N/P	CHG							
17NO17	R	01	-	-	ALL PARTS - RELEASED	437648	JVM	JVM	RBS		
02AUI8	R	02	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES; 35080798-99 - UPDATED VALUES ON B ₁ COLUMN	440513	DAV	JAA	LES		
29OC18	R	03	-	-	ALL PARTS - UPDATED PART AVAILABILITY	441421	CGD	CGD	RBS		
10FE20	R	04	-	-	35412745 - RELEASED; 35080799 - CABLE SIZE WAS 0.35 - 0.5 AND CABLE DIAMETER 1.2 - 1.83	550796	JGO	GLB	RBS		
04JN20	R	05	-	-	35412745 - B ₂ WAS 1.8 AND (H ₂) WAS 1.8	551618	LGD	JAA	RBS		
15JL20	R	06	-	-	35412745 - UPDATED PART AVAILABILITY	551994	JLL	JAA	RBS		

PART NUMBER	REV	N/P	CABLE I.D. STATUS	TYPE	MATERIAL SPECIFICATION	MATERIAL SIZE	CONTACT AREA PLATING TYPE (SEE NOTE 3)	CRIMP AREA PLATING TYPE (SEE NOTE 3)	CONTACT PLATING I.D.	CABLE I.D.	CABLE SIZE (mm ²)	CABLE DIAMETER	B ₁ ±0.15	B ₂ ±0.25	B ₄	(H ₁)	(H ₂)
35080800	01	AB	-	401	AG PLATED COPPER ALLOY	0.2	II	III	AG	25	0.13 - 0.22	0.81 - 1.2	1.5	1.8	1.88	1.4	1.8
35412745	01	AB	-	401	AG PLATED COPPER ALLOY	0.2	II	III	AG	22	0.35	1.2 - 1.7	1.85	2.85	1.88	1.75	3.15
35080799	01	AC	-	401	AG PLATED COPPER ALLOY	0.2	II	III	AG	21	0.5	1.4 - 1.9	2.1	2.85	1.88	2.05	3.15
35080798	01	AB	-	401	AG PLATED COPPER ALLOY	0.2	II	III	AG	18	0.75 - 1.0	1.7 - 2.34	2.6	3	1.88	2.6	3.3
35080797	01	AB	SEE NOTE #9	402	AG PLATED COPPER ALLOY	0.2	II	III	AG	15	1.25 - 1.5	1.8 - 2.4	3.1	3.9	2.2	3.1	3.8

5 PROCESS SENSITIVE DIMENSION		CHART D	
FROM	TO	10	12
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.1	±0.2	±0.2
ANGULAR TOLERANCE	±2°		



DO NOT SCALE
USE MATH DATA



•APTIV•
CONNECTION SYSTEMS
WARREN, OH

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DR	DATE
APV01 J. VILLAMIL	17NO17
APV02 J. VILLAMIL	17NO17
APV03 ROBERT B. SNADER	17NO17
APV04	
APV05	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001

MATERIAL

SEC CHART

DRAWING NAME

TAXI TERM M OCS 1.2

DRAWING NUMBER

33101338

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	10:1	1	OF 1	4	OF	R 06

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