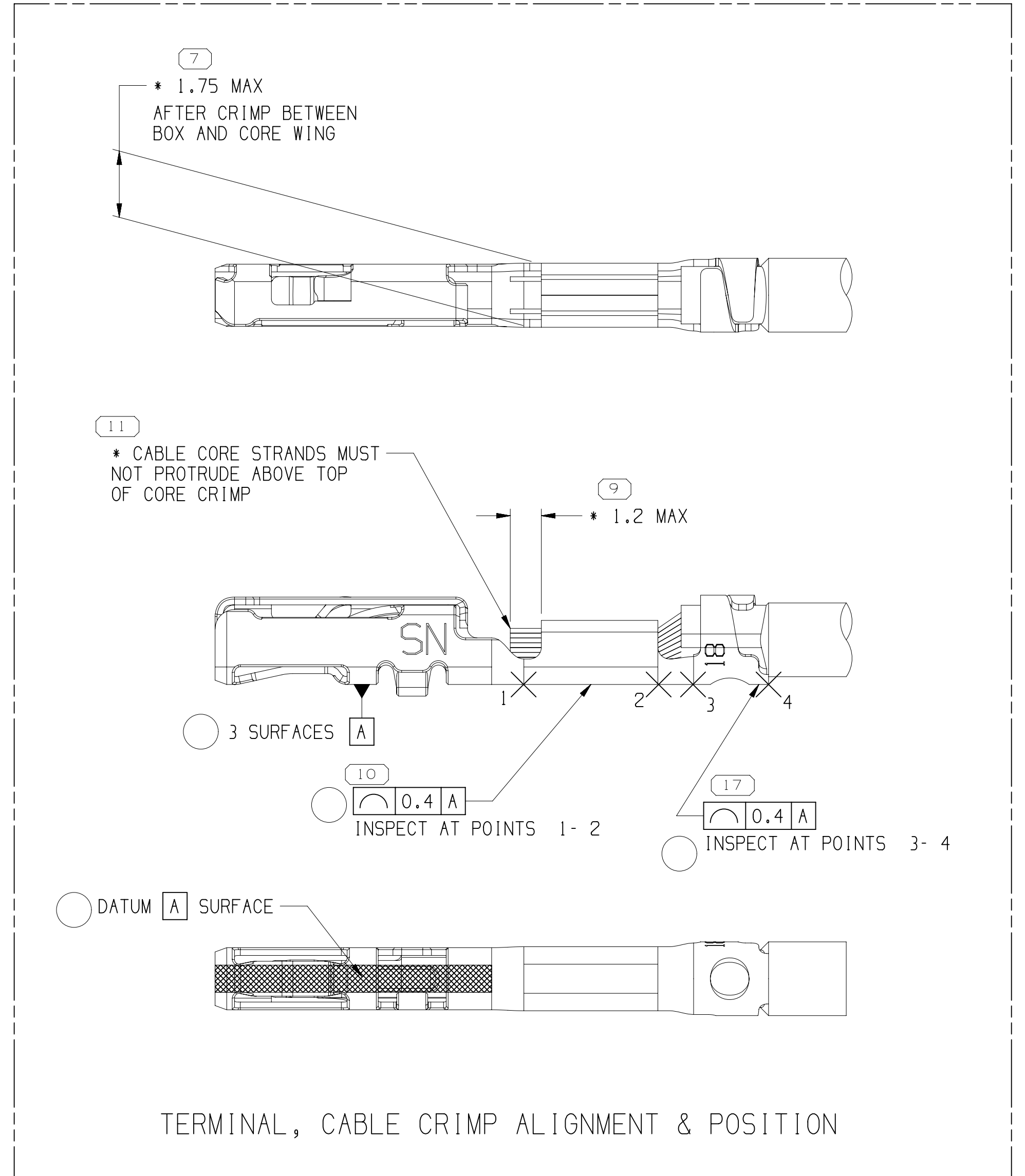
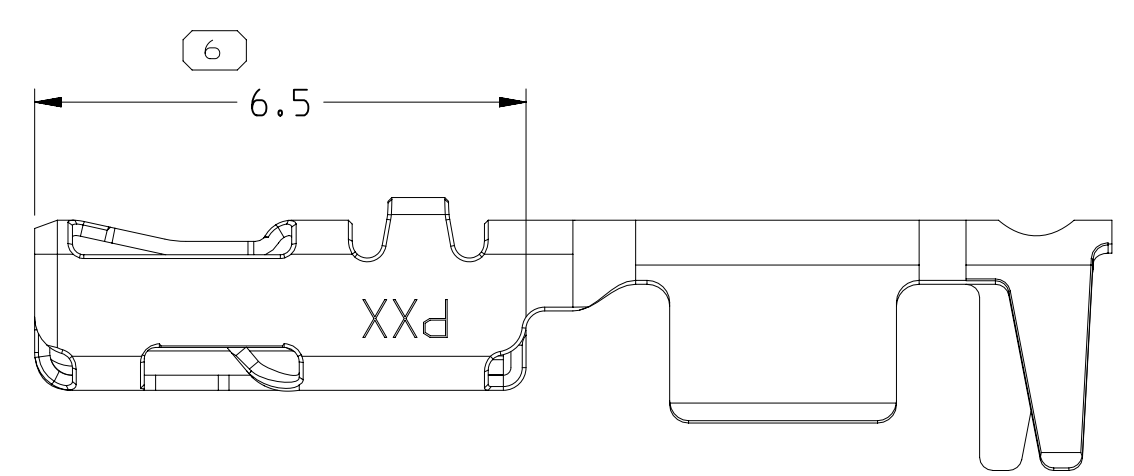
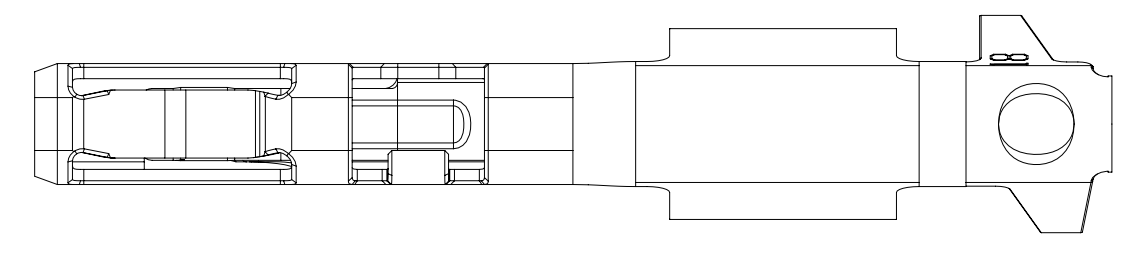
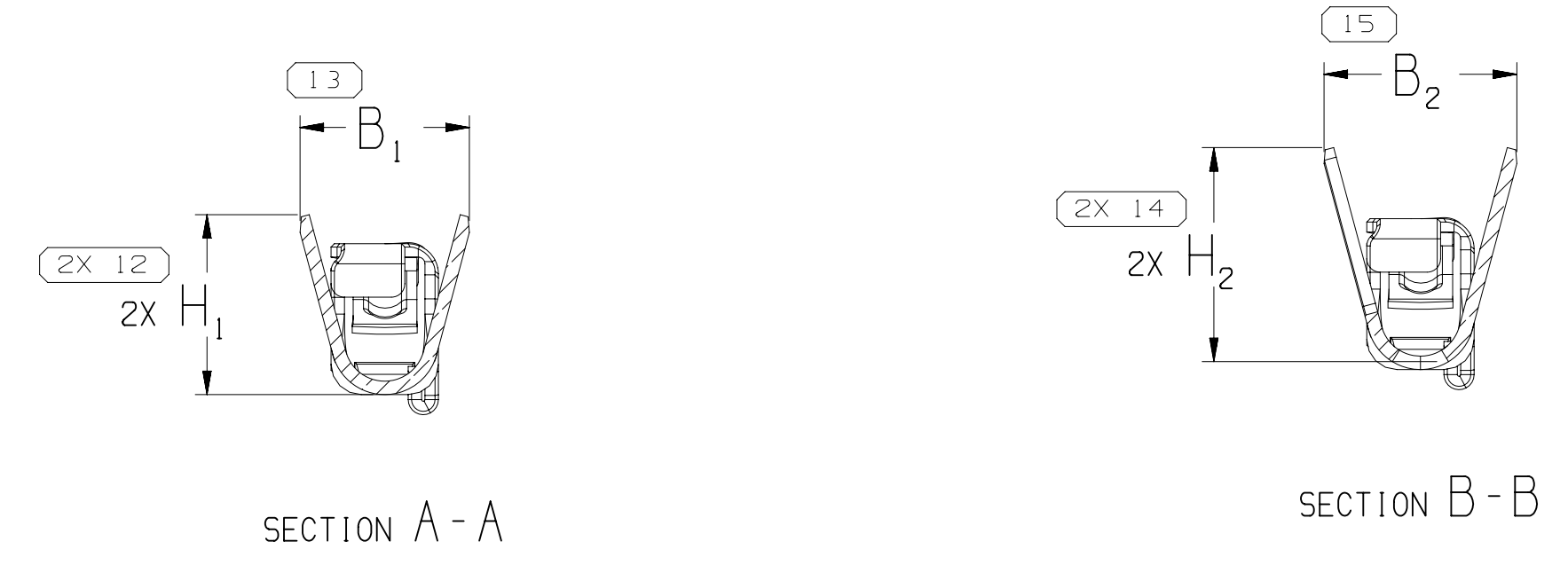
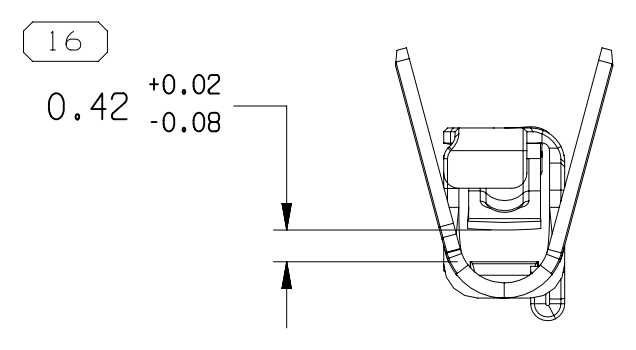
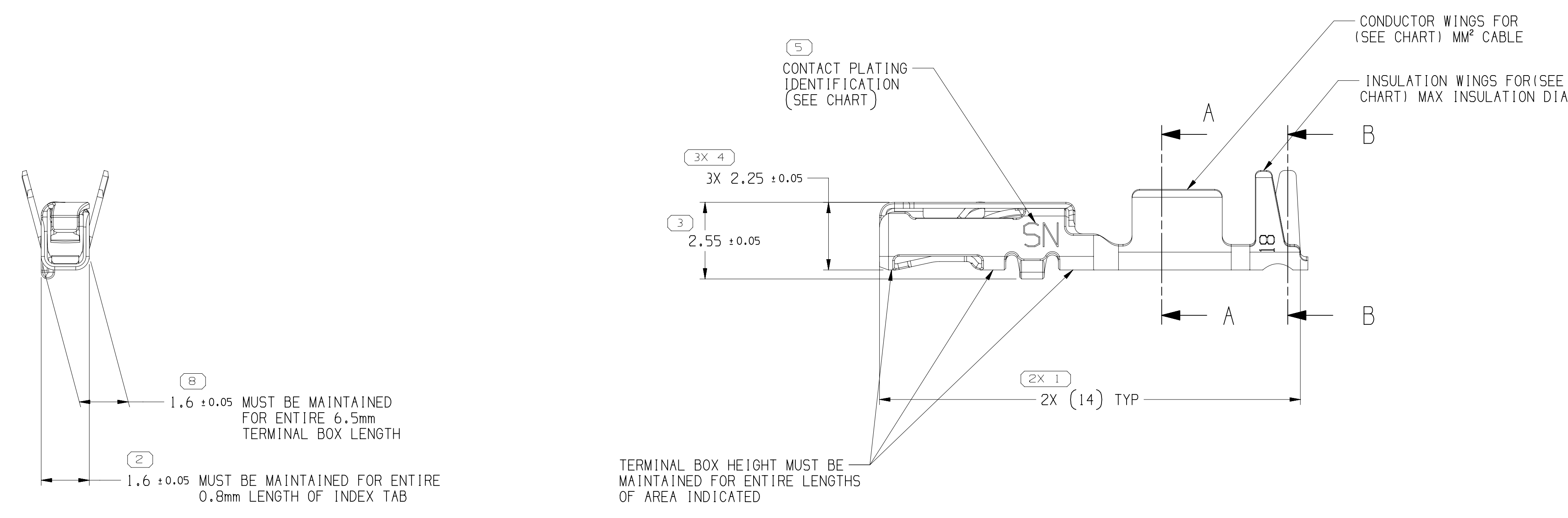
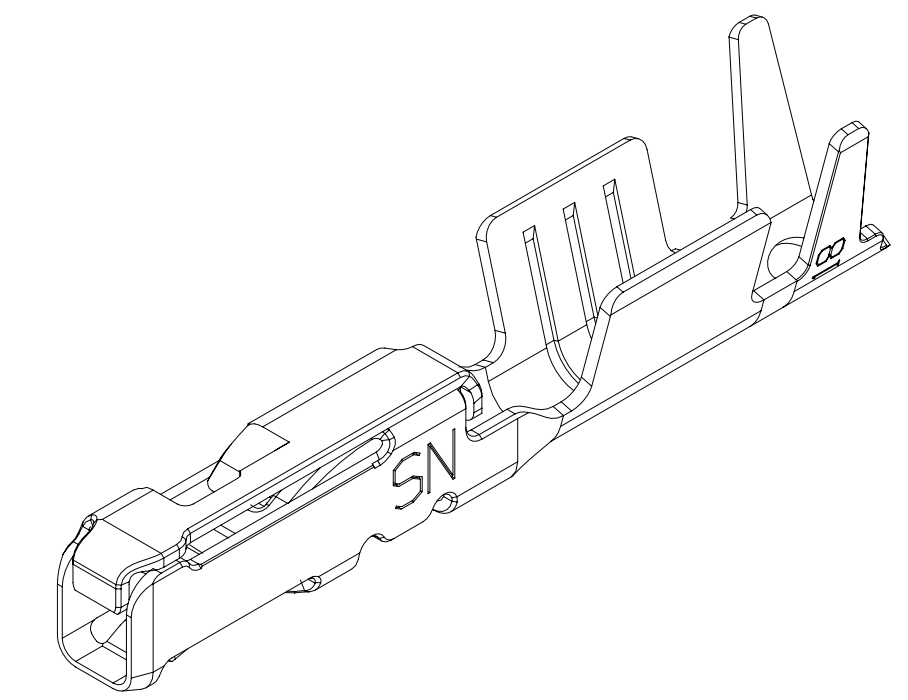
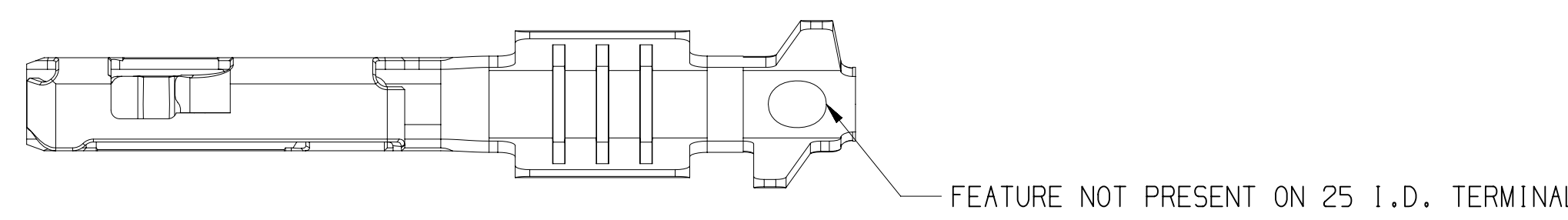


SYMBOL DEFINITION		TOTAL NO OF INSPECTIONS REQUIRED	22
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL () DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.		LAST NO. USED	17

MISSING SYMBOLS		NO MISSING SYMBOL NUMBER		REVISION HISTORY		AUTH	DR	APVD	APVD
DATE	STG	REV	N/P	CHG	ZONE				
08NO17	R	01	-	-		ALL PARTS - RELEASED PART DRAWING	437645	JVM	JWR/RBS
01FE18	R	02	-	-		35088739 - UPDATED PART AVAILABILITY	438924	AGH	VMR/AGH
12MR18	R	03	-	-		35088738 - UPDATED PART AVAILABILITY	439244	AGH	VMR/AGH
20AP18	R	04	-	-		35088740 - UPDATED PART AVAILABILITY	439642	AGH	VMR/AGH
31JL18	R	05	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	440556	AHG	AHG/AGH
05AP19	R	06	-	-		ALL PARTS - DIM #10 WAS 0 ± 2° AND ADDED GD&T PROFILE OF LINE CONTROL FRAME & DATUM [A] OVERALL INFO	441273	DAV	JAA/RBS



- NOTES
- 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.
 - RECOMMENDED MATING BLADE THICKNESS 0.64 ± 0.03mm. RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 1mm AND NO LESS THAN 0.6mm. SEE USCAR EWCAP-001 DRAWING (0.64 PIN) FOR OTHER MATING BLADE REQUIREMENTS.
 - MAXIMUM CURRENT CAPACITY IS 7.5 AMPS WITH 0.8mm² COPPER CABLE.
 - * DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE
 - MAXIMUM INSULATION CRIMP WIDTH 1.77mm AND HEIGHT 2.3mm FOR CABLE SIZE UP TO 1.9mm O.D. MAXIMUM CORE CRIMP WIDTH 1.67
 - DO NOT PROBE, TEST OR OTHERWISE CONTACT THE INTERIOR REGION (THE SPRING OR ANY MOVING PART) OF THIS TERMINAL. SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.
 - PLATING TYPE:
 - 1. REFLOW TIN 1.9-3.3 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13-0.5 MICROMETERS THICK
 - SEE TAXI P/N 13767042 FOR SIMILAR TERMINALS WITH DIFFERENT CONNECTOR CAVITY INDEX.
 - PARTS MEET THE PERFORMANCE REQUIREMENTS OF GSW3191 DEC 2007 AND SAE/USCAR-2 R5 REVISIONS FOR THE FOLLOWING CLASSIFICATIONS:
 - TEMPERATURE CLASS 31-40° C TO +125° C)
 - VIBRATION CLASS 1 (ION BODY OR CHASSIS)
 - SEALING CLASS 1 (UNSEALED) FOR GAGE 1.D.25
 - SEALING CLASS 2 & 3 (SEALED - CONNECTOR DEPENDENT) FOR GAGE 1.D. 18 & 21

PART NUMBER	REV	N/P	MATERIAL DESCRIPTION	CONTACT AREA PLATING TYPE (SEE NOTE 7)	CRIMP AREA PLATING TYPE (SEE NOTE 7)	CONTACT PLATING	CONTACT PLATING I.D.	I.D.	CABLE SIZE (mm ²)	CABLE DIAMETER	B ₁ ±0.15	B ₂ ±0.25	(H ₁)	(H ₂)
35088738	01	AC	TIN PLATED COPPER ALLOY	I	I	TIN	SN	18	0.75 - 0.8	1.7 - 1.9	2.52	2.88	2.68	3.31
35088739	01	AC	TIN PLATED COPPER ALLOY	I	I	TIN	SN	21	0.35 - 0.5	1.2 - 1.83	2.04	2.8	2.06	3.17
35088740	01	AC	TIN PLATED COPPER ALLOY	I	I	TIN	SN	25	0.13 - 0.22	0.83 - 1.2	1.54	1.74	1.56	1.77

APTIV
CONNECTION SYSTEMS
WARREN, OH

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DR	J. VILLAMIL	08NO17
APVD1	J. VILLAMIL	08NO17
APVD3	ROBERT B. SNADER	08NO17
APVD4		
APVDS		

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS MODIFIED BY THE 0M GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2002. SEPARATE PATTERNING OF FEATURES MAY BE MADE SEPARATELY, REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

<p>UNLESS OTHERWISE SPECIFIED</p> <p>DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSING AND NO TOLERANCE LIMITS ARE ESTABLISHED</p> <p>DIRECTIONAL RANGE (MM)</p> <table border="1"> <tr> <td>FROM</td> <td>0</td> <td>> 12</td> </tr> <tr> <td>TO</td> <td>12</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>TOLERANCE</td> <td>±0.1</td> <td>±0.2</td> </tr> <tr> <td>ANGULAR TOLERANCE</td> <td colspan="2">±2°</td> </tr> </table>	FROM	0	> 12	TO	12	UNLESS OTHERWISE SPECIFIED	TOLERANCE	±0.1	±0.2	ANGULAR TOLERANCE	±2°		<p>THIRD ANGLE PROJECTION</p> <p>DO NOT SCALE</p> <p>USE MATH DATA</p>
FROM	0	> 12											
TO	12	UNLESS OTHERWISE SPECIFIED											
TOLERANCE	±0.1	±0.2											
ANGULAR TOLERANCE	±2°												

DATE: 21-May-19 Time: 07:25:14