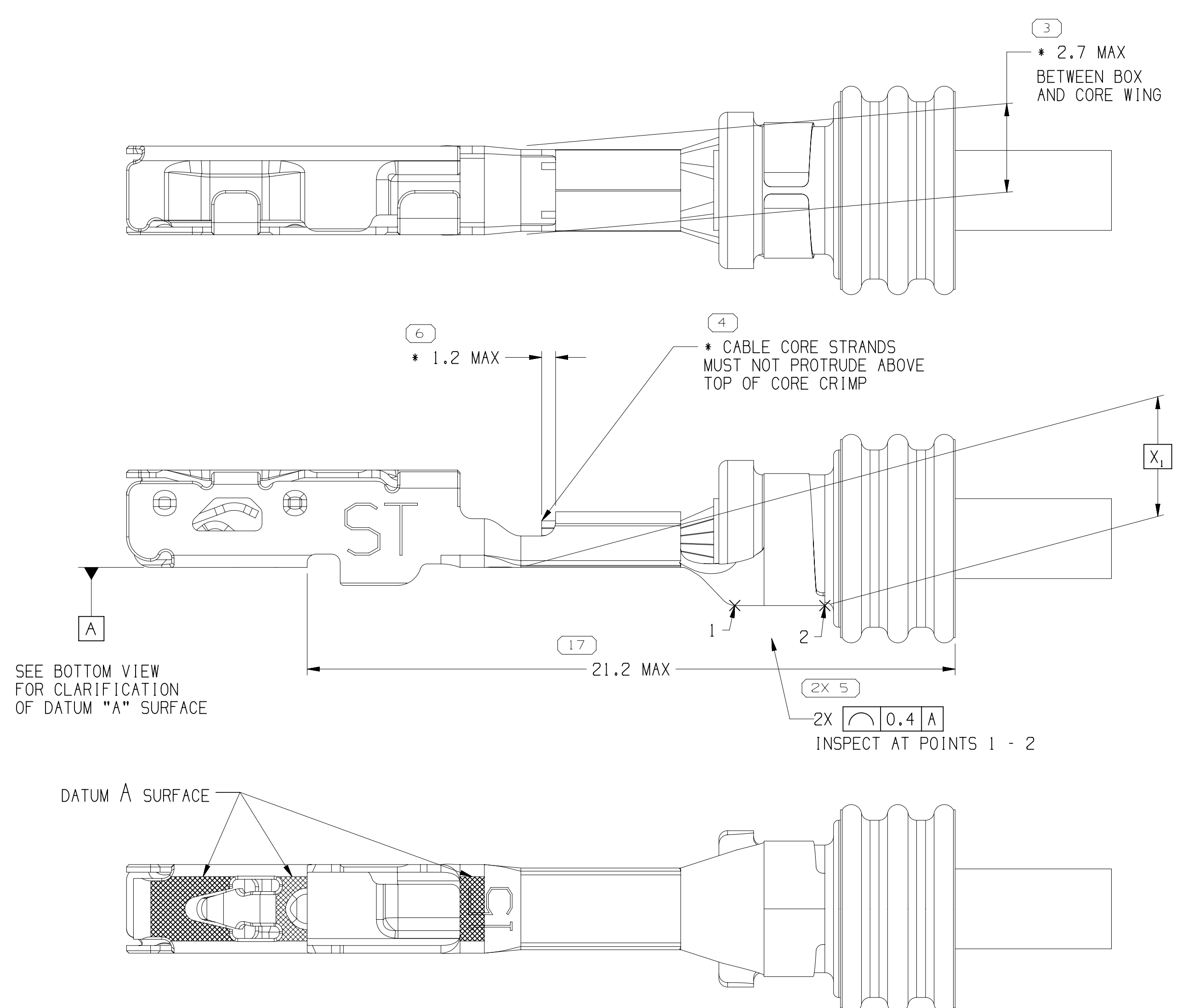
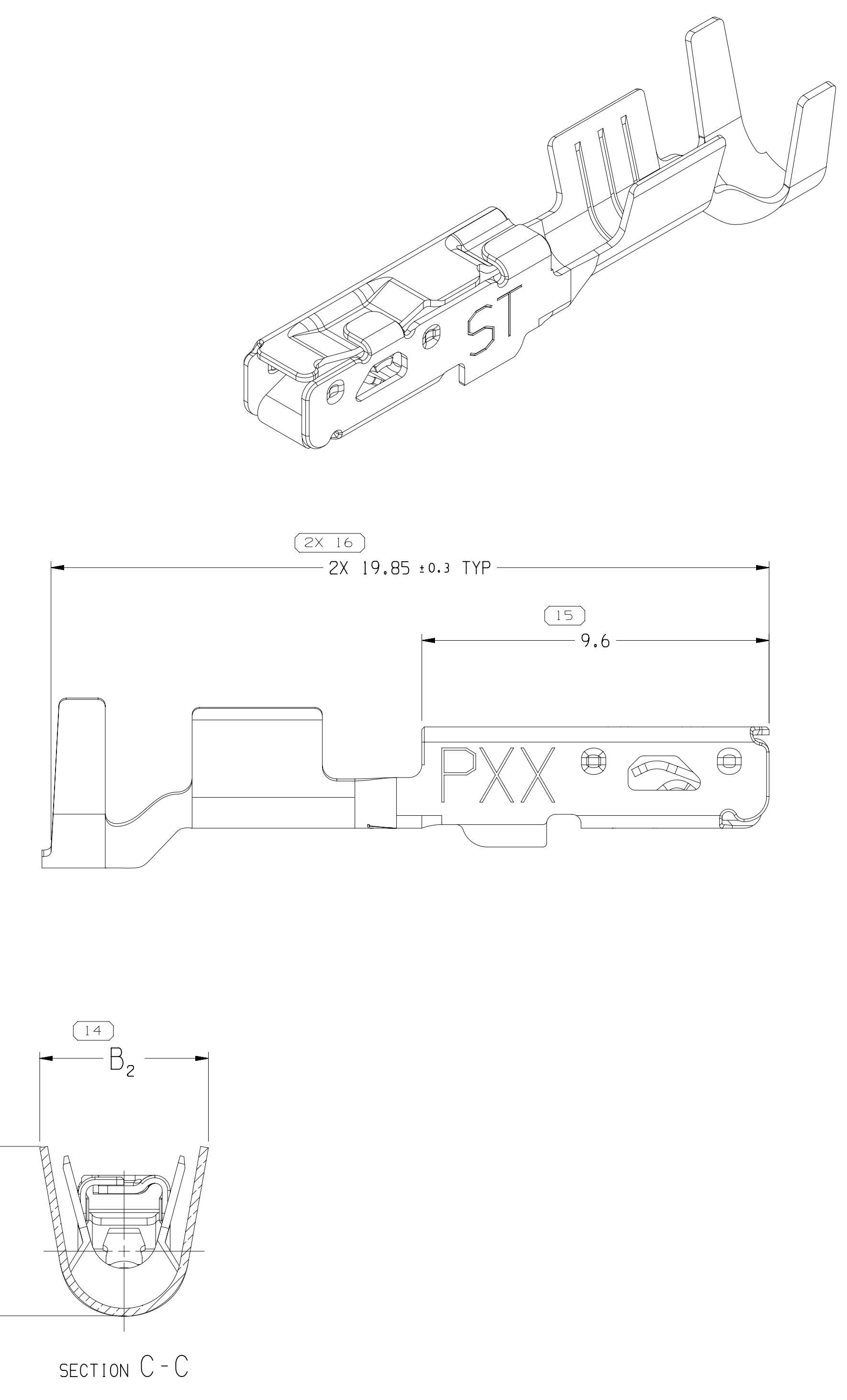
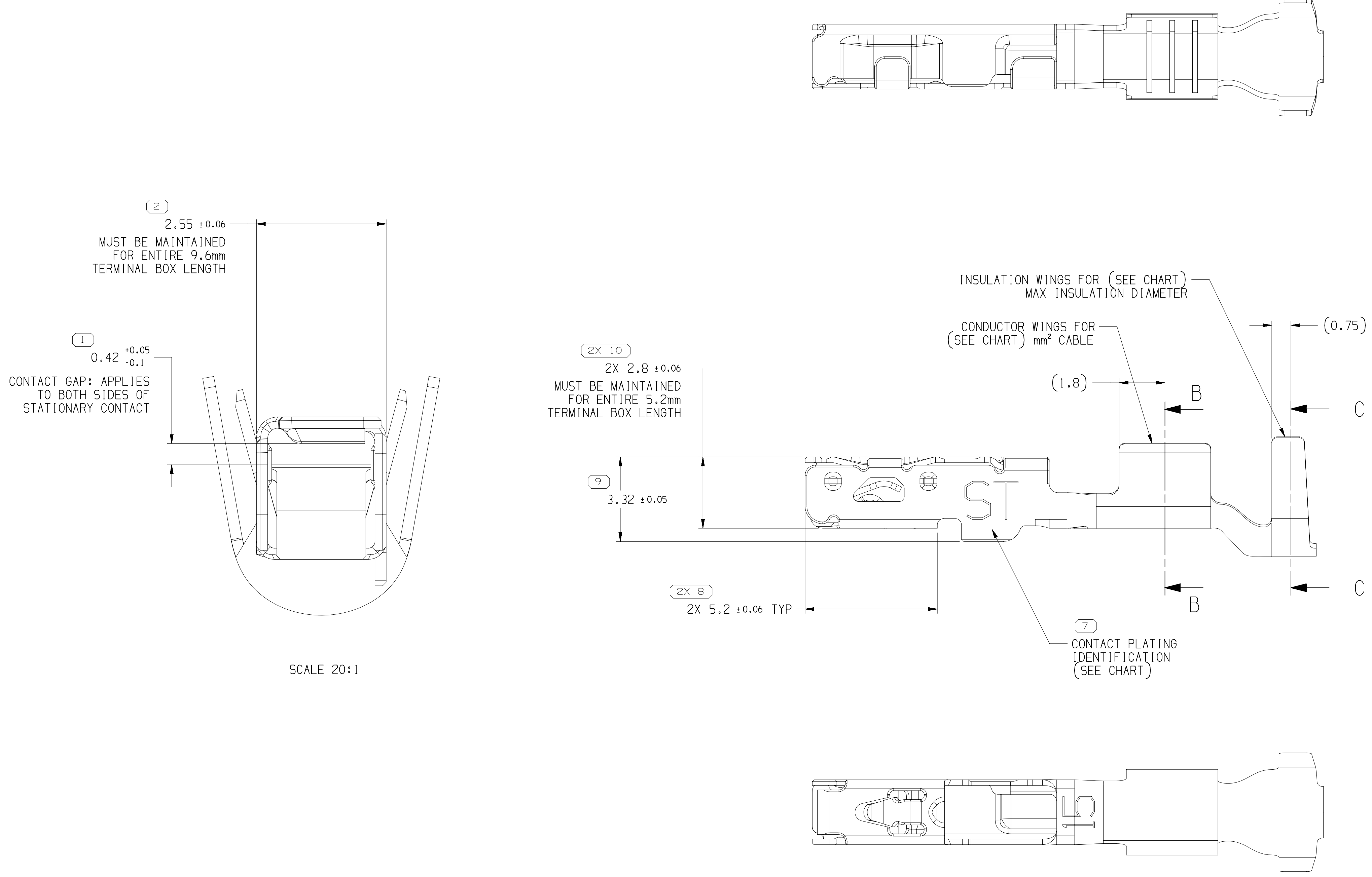


SYMBOL DEFINITION		TOTAL NO OF INSPECTIONS REQUIRED	MISSING SYMBOLS NO MISSING SYMBOL NUMBER
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.		23	
LAST NO. USED		17	

DWG STATUS	DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD
04MR19	R	01	-	-	-		ALL PARTS - RELEASED PART DRAWING	442442	LVD	RBS	RBS
10MR20	R	02	-	-	-		ALL PARTS - UPDATED "SLIPPERY TIN PLATING TYPE" NOTE	551251	LGD	GLG	RBS
18MY20	R	03	-	-	-		ALL PARTS - 0.42 ±0.05/-0.1 WAS 0.42 ±0.05	551316	LXA	LXA	RBS
25JL20	R	04	-	-	-		35464843-46 - RELEASED; 35318914-15, 35319760-61 - CABLE SIZE WAS "0.35-0.5" & CABLE DIAMETER WAS "1.2-1.83"; ALL PARTS - UPDATED "PERFORMANCE REQUIREMENTS" NOTE (REQUIREMENTS OF GWM3191 JUN 2012 AND SAE/USCAR-2 R6 WAS REQUIREMENTS OF GWM3191 DEC 2007 AND SAE/USCAR-2 R5)	551560	JLL	GLG	RBS
24FE23	R	05	-	-	-		35319758-61 & 35464845-46 - UPDATED PDM ATTRIBUTES	559682	GLG	GLG	DD



- 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 0.8 ±0.04/-0.03mm RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 1.6mm AND NO LESS THAN 1.1mm. SEE USCAR EWCAP-001 (1.5 BLADE) FOR MATING BLADE REQUIREMENTS.
 - MAXIMUM CURRENT CAPABILITY AS DEFINED BY USCAR-2 R5 SECTION 5.3.3 [S 2] 1 AMPS WITH 1.5mm² COPPER CABLE.
 - * DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE
 - PLATING TYPE:
 - 111. SLIPPERY TIN 0.7 - 1.2 μm THICK OVER NICKEL UNDERPLATE 0.1 - 0.8 μm THICK.
 PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION.
 - PARTS MEET THE PERFORMANCE REQUIREMENTS OF GWM3191 JUN 2012 AND SAE/USCAR-2 R6 REVISIONS FOR THE FOLLOWING CLASSIFICATIONS:
 - TEMPERATURE CLASS 3 (-40° C TO +125° C)
 - VIBRATION CLASS 1 (ON BODY OR CHASSIS)
 - SEALING CLASS 2 OR 3 (SEALED-CONNECTOR & CABLE SEAL DEPENDENT)
 - 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.
 - MAXIMUM INSULATION CRIMP WIDTH OF 4.60mm AND HEIGHT 4.15mm FOR CABLE SIZE UP TO 2.4mm O.D. FOR CAVITY DIAMETER 4.8mm; MAXIMUM CORE CRIMP WIDTH OF 2.70mm.
 - TYPICAL CABLE SEAL PART NUMBER IS A REFERENCE FOR AN APTIV CABLE SEAL THAT ACCEPTS CABLE SIZES SIMILAR TO THE CORRESPONDING TERMINAL AND MATES TO THE SAME CONNECTOR CAVITY. CABLE DIAMETER RANGE OF DESIRED APPLICATION NEEDS TO BE WITHIN ALLOWABLE RANGE SHOWN ON CABLE SEAL DRAWING.

TERMINAL, CABLE ALIGNMENT & POSITION

PART NO	REV	N/P	MATERIAL DESCRIPTION	CONTACT AREA PLATING TYPE (SEE NOTE #5)	CRIMP AREA PLATING TYPE (SEE NOTE #5)	CONTACT PLATING I.D.	MATERIAL SIZE	PART NO	REV	N/P	MATERIAL DESCRIPTION	GREASE M'T'L DESCRIPTION	CABLE I.D.	CABLE SIZE (mm ²)	CABLE DIAMETER	B ₁ ±0.15	B ₂ ±0.25	(H ₁)	(H ₂)	TYPICAL CABLE SEAL
35464844	01	-	TIN PLATED COPPER ALLOY	111	111	ST	0.22 X 27.5	35464846	01	AA	35464844	NYE 768G	22	0.35	1.2 - 1.7	1.95	4.2	1.8	4.1	13834630
35464843	01	-	TIN PLATED COPPER ALLOY	111	111	ST	0.22 X 27.5	35464845	01	AA	35464843	NYE 768G	22	0.35	1.2 - 1.7	1.95	4.4	1.8	4.4	13834623
35318915	01	AC	TIN PLATED COPPER ALLOY	111	111	ST	0.22 X 27.5	35319761	01	AD	35318915	NYE 768G	21	0.5	1.4 - 1.9	2.1	4.2	2.1	4.1	13834630
35318914	01	AC	TIN PLATED COPPER ALLOY	111	111	ST	0.22 X 27.5	35319760	01	AD	35318914	NYE 768G	21	0.5	1.4 - 1.9	2.1	4.4	2.1	4.4	13834623
35318912	01	AC	TIN PLATED COPPER ALLOY	111	111	ST	0.22 X 27.5	35319759	01	AD	35318912	NYE 768G	17	0.75 - 1.0	1.7 - 2.34	2.6	4.5	2.7	4.5	13834623
35318909	01	AC	TIN PLATED COPPER ALLOY	111	111	ST	0.22 X 27.5	35319758	01	AD	35318909	NYE 768G	15	1.25 - 1.5	1.8 - 2.4	3.4	4.65	3.4	4.7	13834614

DIMENSIONAL RANGE (MM)	CHART D
FROM 0 TO 12	> 12
TOLERANCE UNLESS OTHERWISE SPECIFIED	
±0.1	±0.2
ANGULAR TOLERANCE	±2°

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5-2018. SEE APTIV ENGINEERING DESIGN STANDARD 06 2017 FOR ISO 1101:2004 DIMENSIONAL REQUIREMENTS.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

APPROVED

DATE

• APTIV •

CONNECTION SYSTEMS

WARREN, OH

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DRAWING NUMBER: TAXI TERM F OCS 1.5 SEALED

DRAWING NO: 13887280

SIZE: A0

SCALE: 10:1

FRAME NO: 1 OF 1

SHEET NO: 4 OF 4

STG: R

REV: 05

FILE: C:\Users\luis.villarreal\OneDrive - Aptiv\Documents\2023\20230227\20230227-23\20230227-23.dwg
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