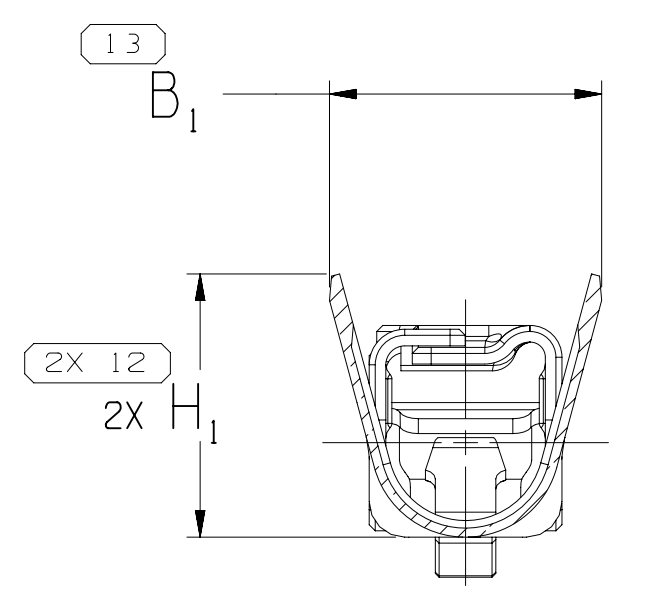
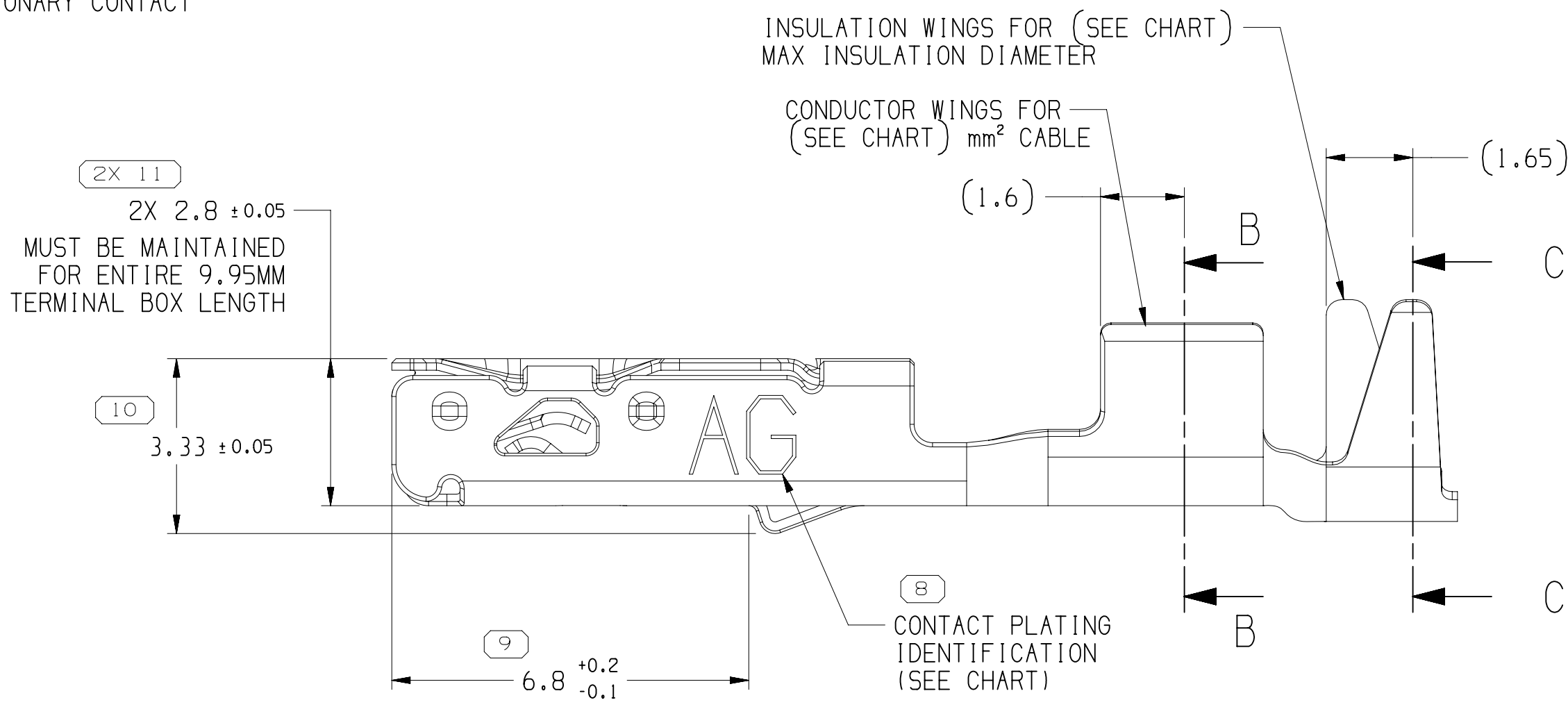
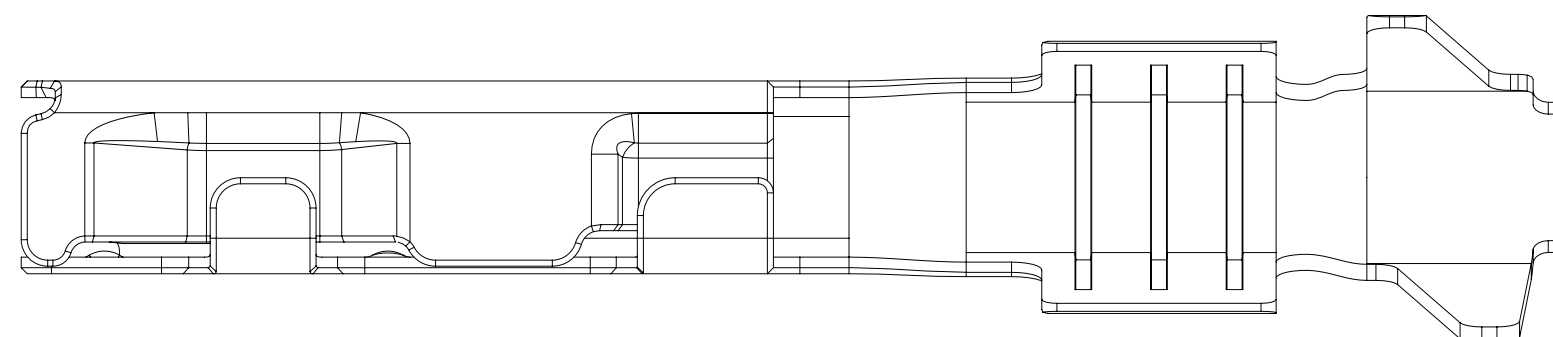
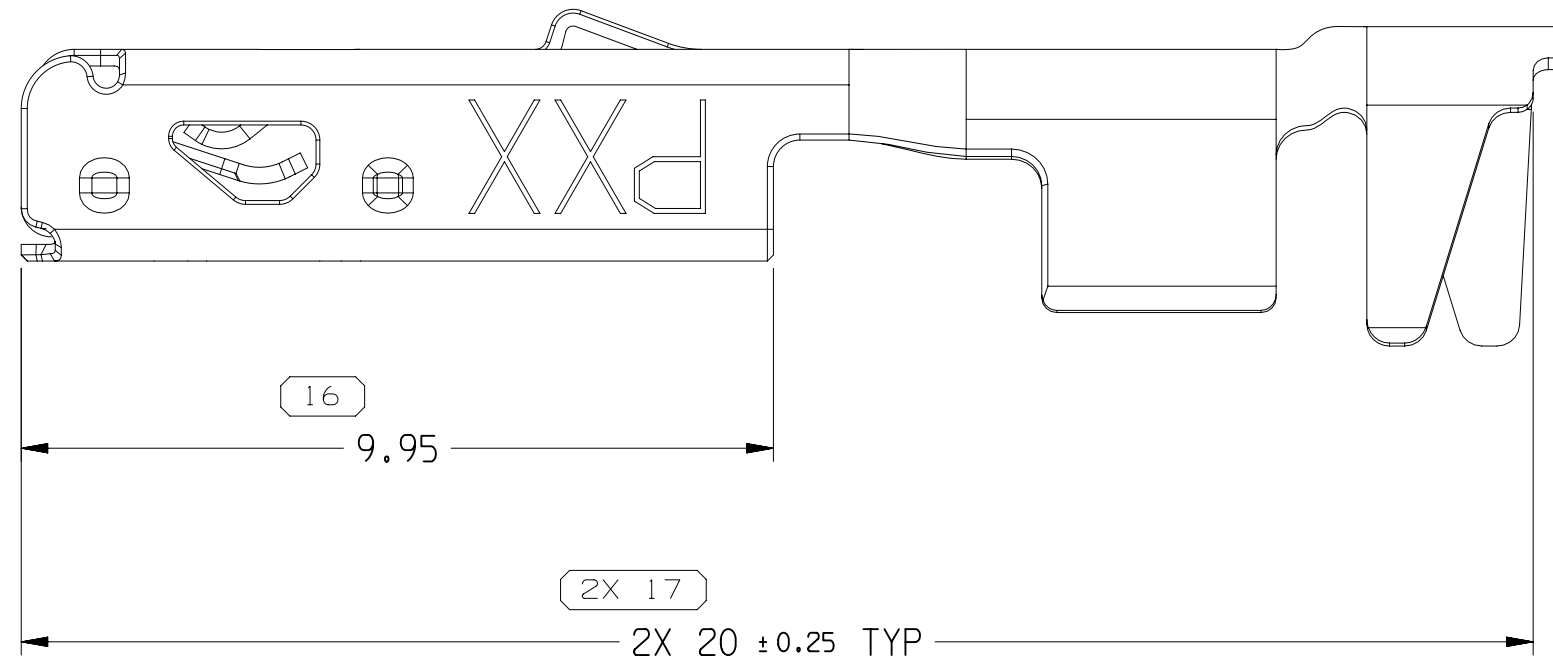
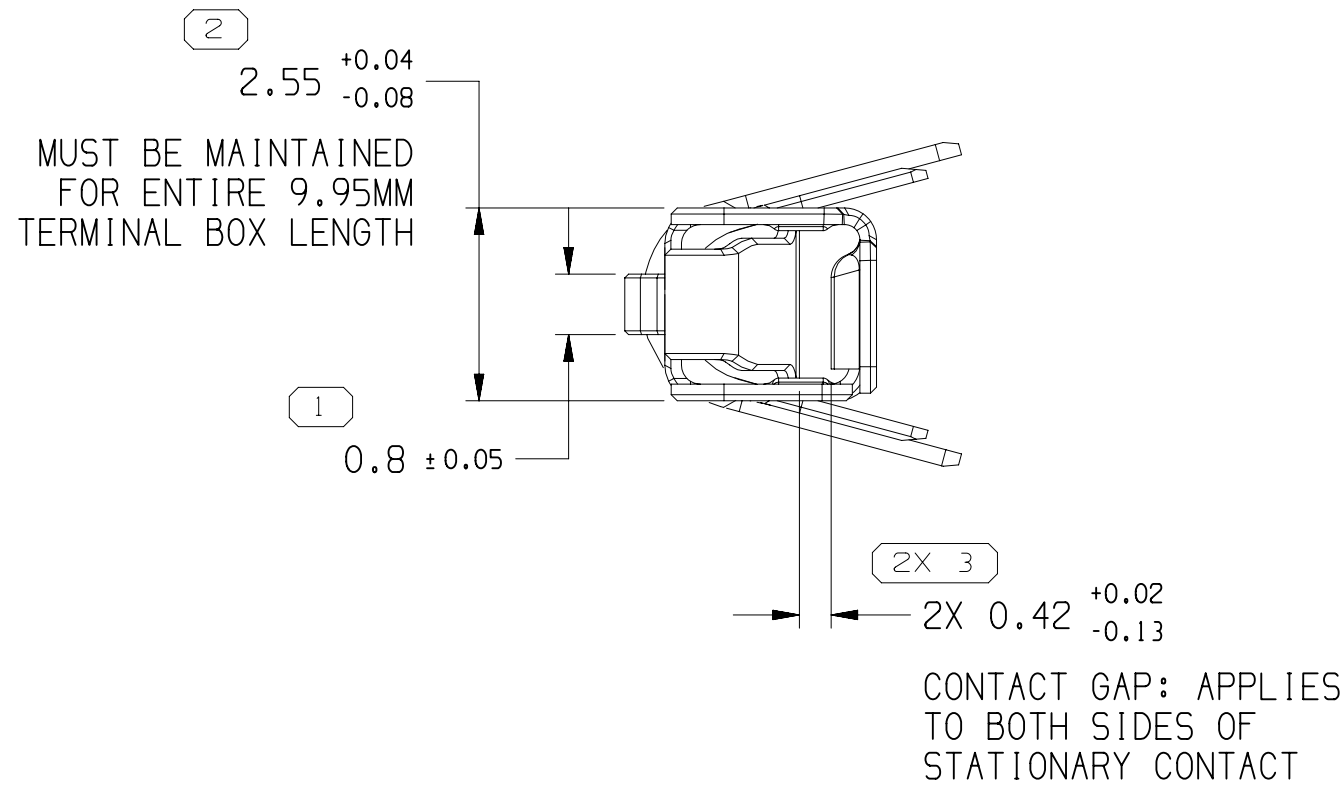
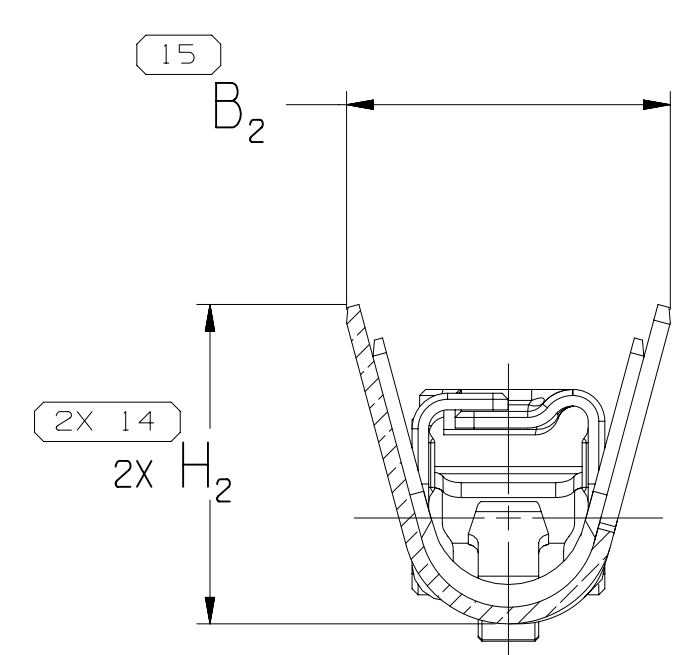


SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL □ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	23
	LAST NO. USED	18

MISSING SYMBOLS		DWG STATUS			ZONE	REVISION HISTORY	AUTH	DR	APVD	APVZ
NO MISSING SYMBOL NUMBER		DATE	STG	REV						
02NO18		R	01	-	-	ALL PARTS - RELEASED PART DRAWING	440159	DAV	JAA	RBS
04DE18		R	02	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	441753	LVD	JAA	LES
14DE18		R	03	-	-	35138795,96 - UPDATED PART AVAILABILITY	441933	JAA	JAA	AGH



SECTION B-B
CORE GRIP



SECTION C-C
INSULATION GRIP

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.
- 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 CURRENT CAPACITY AS DEFINED BY USCAR-2 R5 SECTION 5.3.3 IS 22 AMPS WITH 2.0MM² COPPER CABLE.
- * DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE
- THIS TERMINAL CAN BE USED WITH USCAR CAVITY STANDARD EWCAP-002
- MAXIMUM INSULATION CRIMP WIDTH OF 2.9MM AND HEIGHT OF 3.4MM FOR CABLE SIZE UP TO 2.7MM O.D.
- PLATING TYPE:
1. SILVER 2.0 - 3.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.510 MICROMETERS THICK.
11. MATTE TIN 1.9 - 7.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.510 MICROMETERS THICK.
PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION.
- PARTS MEET THE PERFORMANCE REQUIREMENTS OF GWM3191 DEC 2007 AND SAE/USCAR-2 R5 REVISIONS FOR THE FOLLOWING CLASSIFICATIONS:
TEMPERATURE CLASS 3 (-40° C TO +125° C)
VIBRATION CLASS 1 (ON BODY OR CHASSIS)
SEALING CLASS 1 (UNSEALED) FOR GAGE I.D. 25 & 14
SEALING CLASS 2 & 3 (SEALED-CONNECTOR DEPENDENT) FOR GAGE I.D. 21 & 17

PART NO	REV	N/P	MAT'L SPEC	CONTACT AREA PLATING TYPE(SEE NOTE #8)	CRIMP AREA PLATING TYPE(SEE NOTE #8)	CONTACT PLATING I.D.	MAT'L SIZE	CABLE				B ₁ ±0.15	B ₂ ±0.25	(H ₁)	(H ₂)
								I.D.	SIZE (MM²)	DIAMETER					
35138794	01	AA	COPPER ALLOY	I	I	AG	0.22 X 27.5	14	1.5 - 2	2 - 2.8	3.6	4.3	3.5	4.2	
35138795	01	AB	COPPER ALLOY	I	I	AG	0.22 X 27.5	17	0.75 - 1	1.7 - 2.34	2.5	3.6	2.6	3.6	
35138796	01	AB	COPPER ALLOY	I	I	AG	0.22 X 27.5	21	0.35 - 0.5	1.2 - 1.83	2.1	3	2.1	3	
35138797	01	AA	COPPER ALLOY	I	I	AG	0.22 X 27.5	25	0.13 - 0.22	0.81 - 1.2	1.5	1.9	1.5	1.7	

PROCESS SENSITIVE DIMENSION	
DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED	CHART D
FROM 0 TO 12	> 12
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.1
ANGULAR TOLERANCE	±2°

THIRD ANGLE PROJECTION		DO NOT SCALE	
USE MATH DATA	USE MATH DATA	USE MATH DATA	USE MATH DATA

APTI V	
CONNECTION SYSTEMS	
WARREN, OH	
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DR	DATE
APVD1: DANIEL ALVAREZ	02NO18
APVD2: J. S. ALVARADO	02NO18
APVD3: R. SNADER	07NO18
APVD4	
APVD5	
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001	
MATERIAL: SEE CHART	
DRAWING NUMBER	
TAXI TERM F OCS 1.5	
13849927	
SIZE A0	SCALE 10:1
FRAME NO 1	SHEET NO 5 OF
STG REV N/P	03 -

Mouser Electronics

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