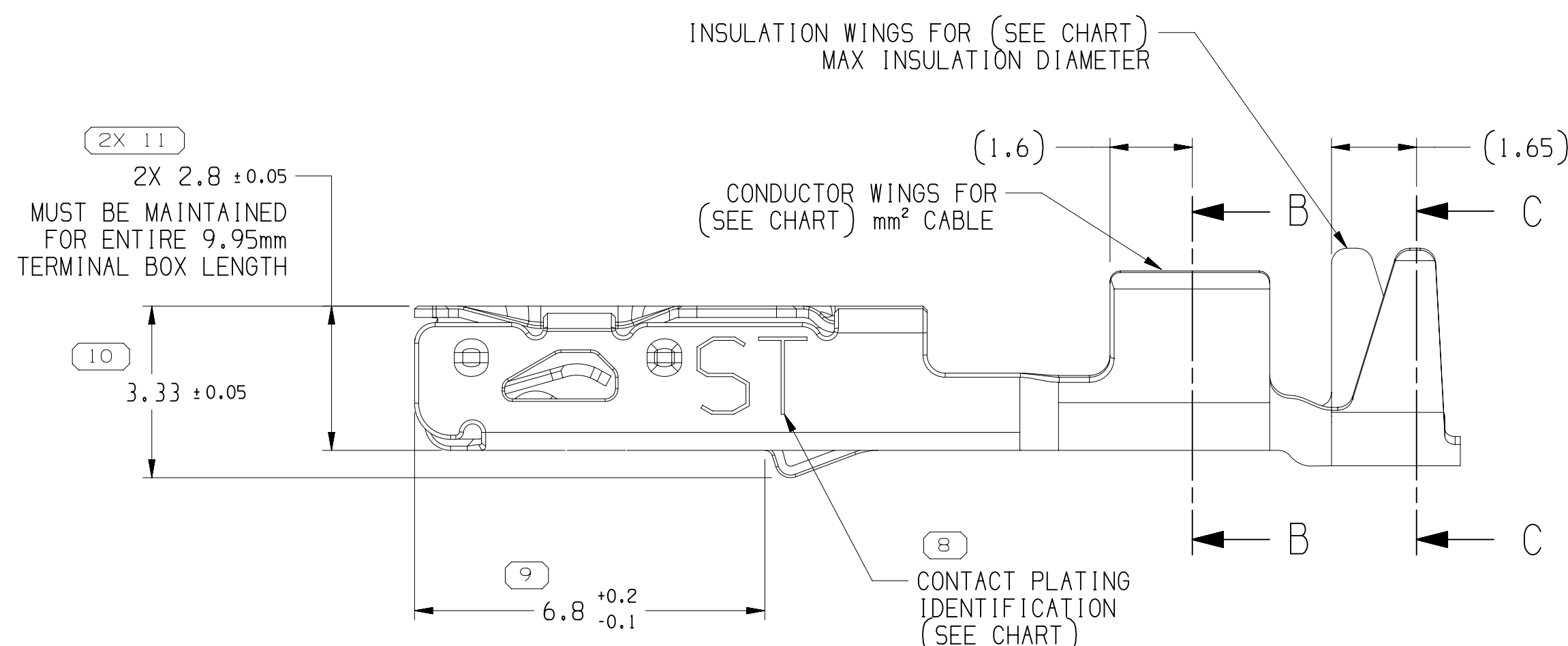
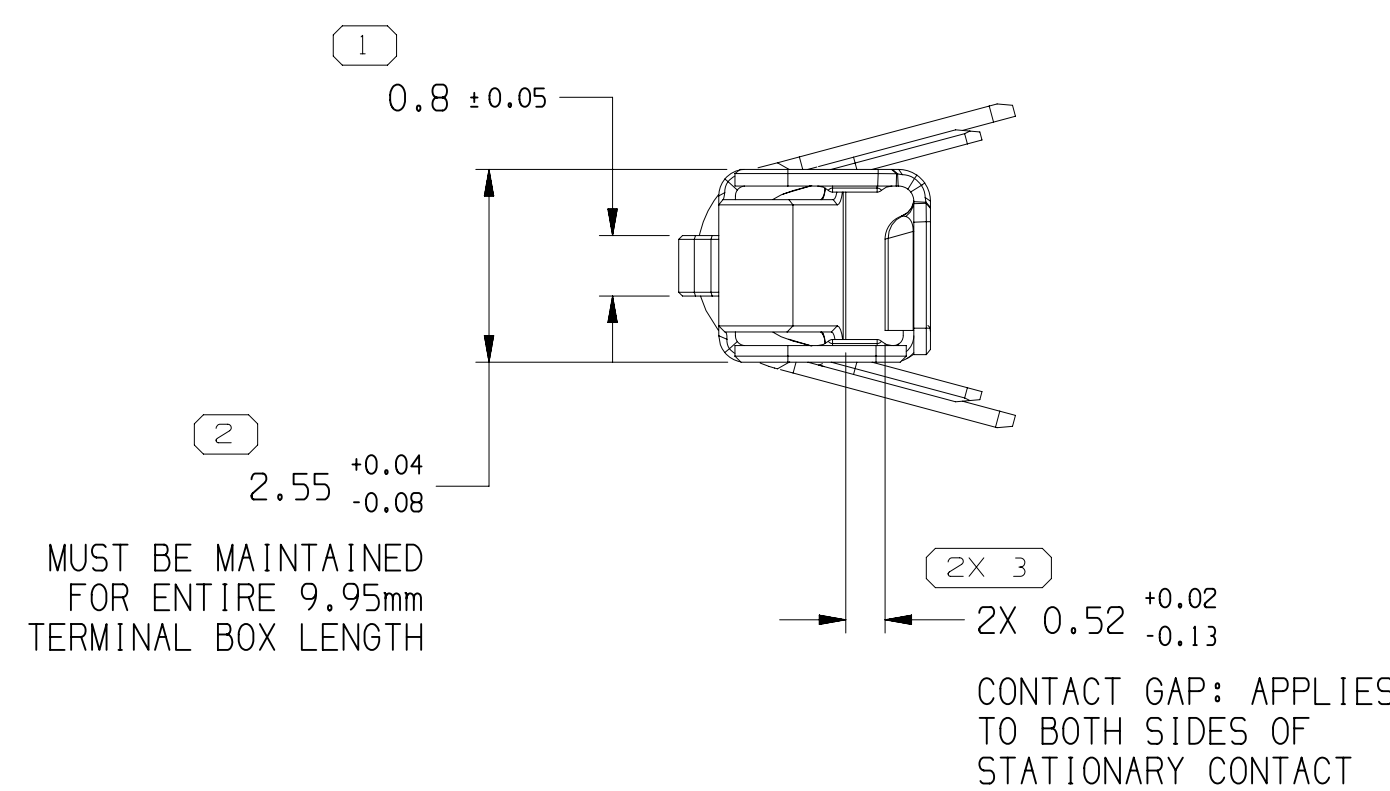
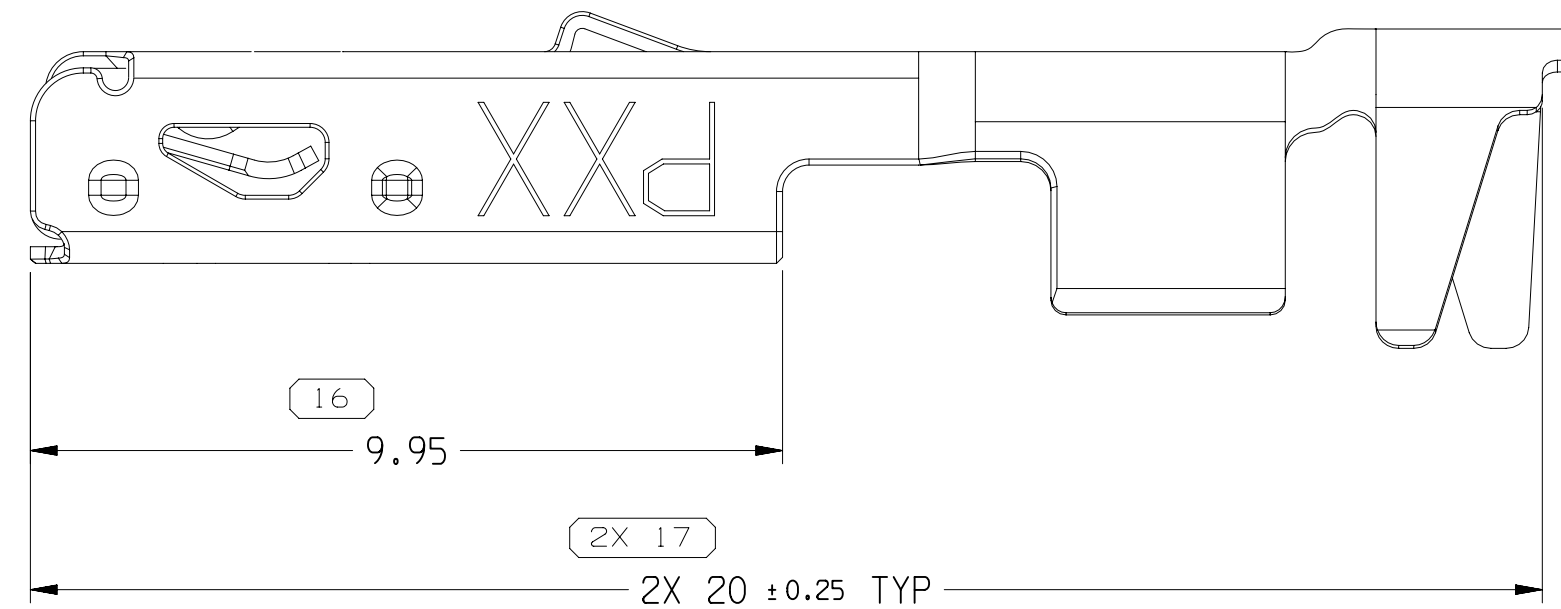


SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	22
	LAST NO. USED	17



SECTION B-B

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

1. 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. RECOMMENDED MATING BLADE THICKNESS  $0.8 \pm 0.04/0.03\text{mm}$   
RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED  $1.6\text{mm}$   
AND NO LESS THAN  $1.1\text{mm}$ . SEE USCAR EWAP-001 (1.5 BLADE) FOR MATING BLADE REQUIREMENTS.
3. PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.
4. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 RS SECTION 5.3.3 IS 22 AMPS WITH  $2.0\text{mm}^2$  COPPER CABLE.
5. \* DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE
6. THIS TERMINAL CAN BE USED WITH USCAR CAVITY STANDARD EWAP-002
7. MAXIMUM INSULATION CRIMP WIDTH OF  $2.9\text{mm}$  AND HEIGHT OF  $3.4\text{mm}$   
FOR CABLE SIZE UP TO  $2.8\text{mm}$  O.D.; MAXIMUM CORE CRIMP WIDTH IS  $2.9\text{mm}$ .
8. PLATING TYPE:

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

9. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMM3191 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
10. DO NOT PROBE, TEST OR OTHERWISE CONTACT THE INTERIOR REGION OF THE SPRING OR ANY MOVING PART OF THIS TERMINAL. SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.

2		PROCESS SENSITIVE DIMENSION	
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED			
DIMENSIONAL RANGE (MM)		CHART D	
FROM	0	> 12	
TO	12		
TOLERANCE UNLESS OTHERWISE SPECIFIED			
	±0.1	±0.2	
ANGULAR TOLERANCE ±2°			

# •APTIV•

## CONNECTION SYSTEMS

WARREN, OH

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AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS  
AUTHORIZATION, IS PROHIBITED.

DR	DATE	
APV01 OMAR ROJAS	22SE02	B
APV02 ROBERT B. SNADER	22SE02	
APV03 ROBERT B. SNADER	22SE02	
APV04		
APV05		
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001		
MATERIAL SEE CHART		
DRAWING NAME: TAXI TERM F OCS 1.5		
DRAWING NUMBER: 13849927		
SIZE A0	SCALE 1:1	FRAME 1 OF 1
SHEET NO 6 OF 6		STO R
REV 02		N/P -

A

35493301	01	AA	COPPER ALLOY	III	III	ST	0.22	14	1.5 - 2	2.0 - 2.8	3.6	4.3	3.5	4.2
35493302	01	AA	COPPER ALLOY	III	III	ST	0.22	17	0.75 - 1	1.7 - 2.34	2.5	3.6	2.6	3.6
35493303	01	AA	COPPER ALLOY	III	III	ST	0.22	21	0.35 - 0.5	1.2 - 1.83	2.1	3	2.1	3
35493304	01	-	COPPER ALLOY	III	III	ST	0.22	25	0.13 - 0.22	0.81 - 1.2	1.5	1.9	1.5	1.7
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.	MATERIAL THICKNESS	I.D.	CABLE SIZE (mm <sup>2</sup> )	CABLE DIAMETER	B <sub>1</sub> ±0.15	B <sub>2</sub> ±0.25	(H <sub>1</sub> )	(H <sub>2</sub> )

## TERMINAL, CABLE ALIGNMENT & POSITION

— \* 0° ± 2° SEE NOTE # 3

• 1,2 MAX

5  
\* CABLE CORE STRANDS  
MUST NOT PROTRUDE ABOVE  
TOP OF CORE CRIMP

4  
\* 2.8 MAX  
BETWEEN BOX  
AND CORE WING

SECTION B-B

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

1. 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. RECOMMENDED MATING BLADE THICKNESS  $0.8 \pm 0.04/0.03\text{mm}$   
RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED  $1.6\text{mm}$   
AND NO LESS THAN  $1.1\text{mm}$ . SEE USCAR EWAP-001 (1.5 BLADE) FOR MATING BLADE REQUIREMENTS.
3. PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.
4. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 RS SECTION 5.3.3 IS 22 AMPS WITH  $2.0\text{mm}^2$  COPPER CABLE.
5. \* DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE
6. THIS TERMINAL CAN BE USED WITH USCAR CAVITY STANDARD EWAP-002
7. MAXIMUM INSULATION CRIMP WIDTH OF  $2.9\text{mm}$  AND HEIGHT OF  $3.4\text{mm}$   
FOR CABLE SIZE UP TO  $2.8\text{mm}$  O.D.; MAXIMUM CORE CRIMP WIDTH IS  $2.9\text{mm}$ .
8. PLATING TYPE:

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

9. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMM3191 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
10. DO NOT PROBE, TEST OR OTHERWISE CONTACT THE INTERIOR REGION OF THE SPRING OR ANY MOVING PART OF THIS TERMINAL. SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.

2		PROCESS SENSITIVE DIMENSION	
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED			
DIMENSIONAL RANGE (MM)		CHART D	
FROM	0	> 12	
TO	12		
TOLERANCE UNLESS OTHERWISE SPECIFIED			
	±0.1	±0.2	
ANGULAR TOLERANCE ±2°			

# •APTIV•

## CONNECTION SYSTEMS

WARREN, OH

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AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS  
AUTHORIZATION, IS PROHIBITED.

DR	DATE	
APV01 OMAR ROJAS	22SE02	B
APV02 ROBERT B. SNADER	22SE02	
APV03 ROBERT B. SNADER	22SE02	
APV04		
APV05		
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001		
MATERIAL SEE CHART		
DRAWING NAME: TAXI TERM F OCS 1.5		
DRAWING NUMBER: 13849927		
SIZE A0	SCALE 1:1	FRAME 1 OF 1
SHEET NO 6 OF 6		STO R
REV 02		N/P -

A

35493301	01	AA	COPPER ALLOY	III	III	ST	0.22	14	1.5 - 2	2.0 - 2.8	3.6	4.3	3.5	4.2
35493302	01	AA	COPPER ALLOY	III	III	ST	0.22	17	0.75 - 1	1.7 - 2.34	2.5	3.6	2.6	3.6
35493303	01	AA	COPPER ALLOY	III	III	ST	0.22	21	0.35 - 0.5	1.2 - 1.83	2.1	3	2.1	3
35493304	01	-	COPPER ALLOY	III	III	ST	0.22	25	0.13 - 0.22	0.81 - 1.2	1.5	1.9	1.5	1.7
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.	MATERIAL THICKNESS	I.D.	CABLE SIZE (mm <sup>2</sup> )	CABLE DIAMETER	B <sub>1</sub> ±0.15	B <sub>2</sub> ±0.25	(H <sub>1</sub> )	(H <sub>2</sub> )

## TERMINAL, CABLE ALIGNMENT & POSITION

— \* 0° ± 2° SEE NOTE # 3

• 1,2 MAX

5  
\* CABLE CORE STRANDS  
MUST NOT PROTRUDE ABOVE  
TOP OF CORE CRIMP

4  
\* 2.8 MAX  
BETWEEN BOX  
AND CORE WING

SECTION B-B

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

1. 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. 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 EWAP-001 (1.5 BLADE)  
FOR MATING BLADE REQUIREMENTS.
3. PLUS ANG 15 WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE  
AGAINST THE BOX BOTTOM SURFACE.
4. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 RS SECTION 5.3.3  
IS 22 AMPS WITH 2.0mm<sup>2</sup> COPPER CABLE.
5. \* DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE
6. THIS TERMINAL CAN BE USED WITH USCAR CAVITY STANDARD EWAP-002
7. MAXIMUM INSULATION CRIMP WIDTH OF 2.9mm AND HEIGHT OF 3.4mm  
FOR CABLE SIZE UP TO 2.8mm O.D.; MAXIMUM CORE CRIMP WIDTH IS 2.9mm.
8. PLATING TYPE:

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

9. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMM3191 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)  
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2		PROCESS SENSITIVE DIMENSION	
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED			
DIMENSIONAL RANGE (MM)		CHART D	
FROM	0	> 12	
TO	12		
TOLERANCE UNLESS OTHERWISE SPECIFIED			
	±0.1	±0.2	
ANGULAR TOLERANCE ±2°			

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								DATE	
DR									
APVD1		OMAR ROJAS				22SE02			
APVD2		ROBERT B. SNADER				22SE02			
APVD3		ROBERT B. SNADER				22SE02			
APVD4									
APVD5									
<p style="margin: 0;">SUBSTANCES OF CONCERN AND RECYCLED</p> <p style="margin: 0;">CONTENT PER APTIV 10949001</p>									
<p style="margin: 0;">MATERIAL SEE CHART</p>									
<p style="margin: 0;">DRAWING NAME:</p> <p style="margin: 0; font-size: 1.5em; text-align: center;">TAXI TERM F OCS 1.5</p>									
<p style="margin: 0;">DRAWING NUMBER</p> <p style="margin: 0; font-size: 2em; text-align: center;">13849927</p>									
SIZE		SCALE		FRAME		SHEET NO		STO REV N/P	
A0		1:1		1 OF 1		6 OF		R 02 -	

35493301	01	AA	COPPER ALLOY	III	III	ST	0.22	14	1.5 - 2	2.0 - 2.8	3.6	4.3	3.5	4.2
35493302	01	AA	COPPER ALLOY	III	III	ST	0.22	17	0.75 - 1	1.7 - 2.34	2.5	3.6	2.6	3.6
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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.	MATERIAL THICKNESS	I.D.	CABLE SIZE (mm <sup>2</sup> )	CABLE DIAMETER	B <sub>1</sub> ±0.15	B <sub>2</sub> ±0.25	(H <sub>1</sub> )	(H <sub>2</sub> )