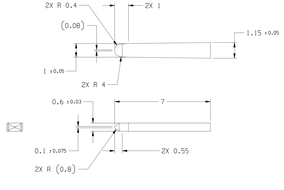
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	25
	LAST NO. USED	18

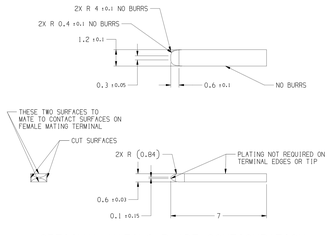
MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

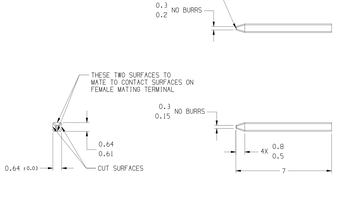
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD
DATE	SUB	REL	N/P	CHG						
20MY20	R	01	-	-		ALL PARTS - RELEASED PART DRAWING	951562	GLO	GLO	DMS
07SE22	R	02	-	-		ALL PARTS - REVISED DIM #4	958308	AN	RAK	ASH
28SE22	R	03	-	-		35457252 - UPDATED PART AVAILABILITY (P/N WAS NOT AVAILABLE)	958675	LVD	LVD	ASH



RECOMMENDED MATING BLADE CONFIGURATION

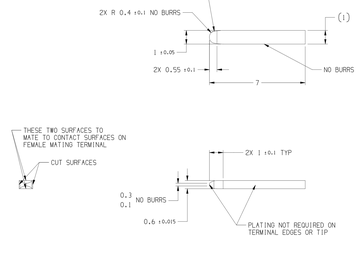


OPTIONAL MATING BLADE CONFIGURATION
USCAR EWCAP 1.2 STRAIGHT WIDE BLADE

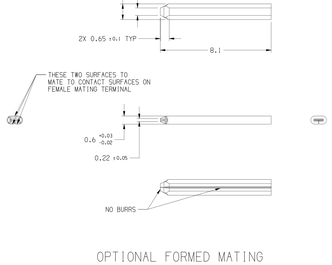


1. PIN MUST BE SYMMETRICAL WITHIN TOLERANCE SHOWN.
2. ALL TIP OR PIN EDGES MAY BE RADIUSED R 0.08 MAX.
3. NO BURRS ON TIP OR PIN EDGES.
4. ALL PIN DIMENSIONS INCLUDE PLATING IF APPLICABLE.

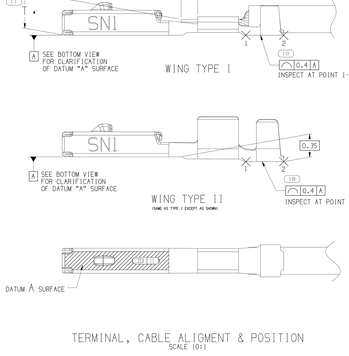
OPTIONAL MATING BLADE
CONFIGURATION 064-T



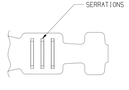
OPTIONAL MATING BLADE CONFIGURATION
USCAR EWCAP 1 STRAIGHT NARROW BLADE



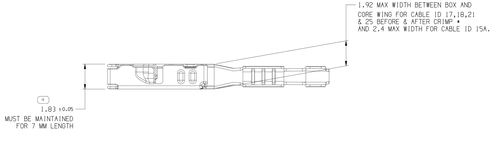
OPTIONAL FORMED MATING
BLADE CONFIGURATION

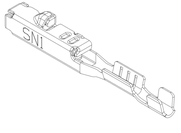


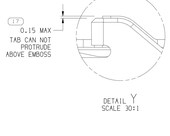
TERMINAL, CABLE ALIGMENT & POSITION
SCALE 10:1

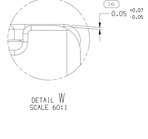


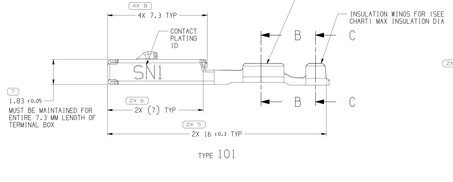
WINGS



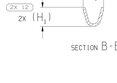




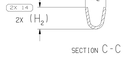




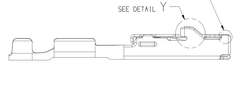
TYPE 101



SECTION B-B



SECTION C-C



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. RECOMMENDED MATING BLADE THICKNESS 0.6±0.03 MM OR 0.64±0.03 MM
   RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 1.2 MM AND NO LESS THAN 0.61 MM.

3. CRIMP DIMENSION FROM THE BACK OF THE CORE WING (INCLUDES THE FLARE OUT FROM THE CORE WING) TO THE END OF THE INSULATION WING.

   2.05 MM MAX WIDTH, 2.10 MM MAX HEIGHT FOR CABLE SIZE UP TO 1.9 MM O.D.

4. • DENOTES DIMENSIONS MADE AT CUT-OFF & CRIMP DIE.

5. PLUS ANGLE IS WING-BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.

6. 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.

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

8. PLATING TYPE:

   I. MATTE TIN 1.9 - 7.0 MICROMETERS THICK.

   II. SILVER 1.0 - 2.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13 - 0.51 MICROMETERS THICK.

   III. MATTE TIN 1.9 - 7.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13 - 0.51 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.

9. REFERENCE MATING COMPONENTS OR EQUIVALENTS:
   TERMINAL 3301340

10. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMW3191 JUNE2012 AND SAE/USCAR-2 R6 REVISION FOR THE FOLLOWING CLASSIFICATIONS:

    TEMPERATURE CLASS 3 (-40° C TO 125° C)
    VIBRATION CLASS 1 (ON BODY OR CHASSIS)
    SEALING CLASS 1 (UNSEALED) FOR CABLE I.D. 15, 17 & 25
    SEALING CLASS 2 OR 3 (SEALED CONNECTOR DEPENDENT) FOR CABLE I.D. 21 & 18

	PART NO.	REV	N/P	TYPE	MAT'L SIZE	MAT'L SPEC	CONTACT AREA PLATING TYPE (SEE NOTE 7)	CRIMP AREA PLATING TYPE (SEE NOTE 7)	CONTACT PLATING	CONTACT PLATING I.D.	SIZE MM2	DIA		WING TYPE	B1+-0.2	B2+-0.3	(H1)	(H2)	T MAX
											COPPER								
	35457252	01	AB	101	0.19 X 27.78	TIN PLATED COPPER ALLOY	I	I	TIN	SNI	1.25 - 1.5	2.1 - 2.4	15A	11	3.1	3.4	3.1	3.1	1.7
	35457251	01	AA	101	0.19 X 26.78	TIN PLATED COPPER ALLOY	I	I	TIN	SNI	0.8 - 1.0	1.86 - 2.1	17	1	2.5	2.8	2.7	2.8	1.6
	35457250	01	AA	101	0.19 X 26.78	TIN PLATED COPPER ALLOY	I	I	TIN	SNI	0.75 - 0.8	1.7 - 1.9	18	1	2.5	2.5	2.7	2.5	1.5
	35457249	01	AA	101	0.19 X 26.78	TIN PLATED COPPER ALLOY	I	I	TIN	SNI	0.5	1.4 - 1.9	21	1	2	2.4	2.1	2.4	1.4
	35457248	01	AA	101	0.19 X 26.78	TIN PLATED COPPER ALLOY	I	I	TIN	SNI	0.35	1.2 - 1.7	22	1	1.8	2.4	1.75	2.4	1.4
	35457247	01	AA	101	0.19 X 26.78	TIN PLATED COPPER ALLOY	I	I	TIN	SNI	0.13 - 0.22	0.81 - 1.2	25	1	1.5	1.5	1.4	1.6	1

(4) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE IS REQUIRED (UNLESS OTHERWISE SPECIFIED)

DIMENSIONAL RANGE (MM)	CHAMF (X)
0 TO 12	0.5
12 TO 25	>12

TOLERANCE UNLESS OTHERWISE SPECIFIED (MM)
ANGULAR TOLERANCE ±2°

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

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DR		
APVD	G. LOPEZ G	20MY20
APVD	G. LOPEZ G	20MY20
APVD	OMAR MUNIZ S.	21MY20
APVD		
APVD		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV (DRAWING)

SEE CHART

DRAWING NAME

TAXI TERM F OCS 1.2

DRAWING NUMBER

13543112

SIZE	SCALE	FRAME NO	SHEET NO	REV	N/P
A1x3	10:1	2 OF 2	11OF	R	03

A *NOTE: USE DRAWING NUMBER & PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A (.N) PREFIX INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE

PART DRAWING

STYLE

VOLUME (CM³)

SYSTEM UNITS

D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED. GENERAL TOLERANCE MEDIUM (ISO). SEPARATE FITTING OF FEATURES MAY BE MADE SEPARATELY REGARDLESS OF DATUM REFERENCES.

APTIV

CONNECTION SYSTEMS

WARREN, OH

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