



PART NO	REV	N/P	MAT'L 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 (MM²)	CABLE DIAMETER	B ₁ ±0.15	B ₂ ±0.3	(H ₁)	(H ₂)
13776043	01	AA	AG PLATED COPPER ALLOY		III	SILVER	AG	18	0.75 - 0.8	1.7 - 1.9	2.52	2.88	2.68	3.31
13776044	01	AB	AG PLATED COPPER ALLOY		III	SILVER	AG	21	0.35 - 0.5	1.2 - 1.83	2.04	2.8	2.06	3.17
13776045	01	AB	AG PLATED COPPER ALLOY		III	SILVER	AG	25	0.13 - 0.22	0.81 - 1.2	1.54	1.74	1.56	1.77

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

MISSING SYMBOLS				NO MISSING SYMBOL NUMBER					
DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD
05DE19	R	01	-	-		ALL PARTS - RELEASED PART DRAWING	550547	GLG	GLG
23DE20	R	02	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	553156	VS	KV
11JA21	R	03	-	-		13776044-45 - UPDATED PART AVAILABILITY	553311	JLL	JAA

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 (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
- PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMW3191 JUNE 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 1 (UNSEALED) FOR GAGE I.D. 25
SEALING CLASS 2 & 3 (SEALED - CONNECTOR DEPENDENT) FOR GAGE I.D. 18 AND 21
- 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:
 - REFLOW TIN 1.9 - 3.3 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13 - 0.5 MICROMETERS THICK
 - SILVER 2.0 - 3.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13 - 0.51 MICROMETERS THICK.
 - 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.

PROCESS SENSITIVE DIMENSION	
DIMENSIONAL RANGE (MM)	CHART D
FROM 0	> 12
TO 12	> 12
TOLERANCE UNLESS OTHERWISE SPECIFIED	
+0.1	+0.2
ANGULAR TOLERANCE 22°	

LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT APVITV SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE: D

VOLUME (CM³): D

DISTR CODE: D

UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE ISO GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM (2001). SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE:

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD NX

• APTIV •

CONNECTION SYSTEMS

WARREN, OH

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DR	DATE
APVD1 G. LOPEZ G.	05DE19
APVD2 G. LOPEZ G.	05DE19
APVD3 ROBERT B. SNADER	06DE19
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 1094900

MATERIAL: SEE CHART

DRAWING NAME: TAXI TERM F OCS 0.64 ISM

DRAWING NUMBER: 13919101

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A2x3	10:1	1 OF 2	2 OF 2	R	03	-

DRAWING NUMBER						
13919101						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A2x3	10:1	2 OF 2	2 OF 2	R	03	-

13919101