

MATERIAL DESCRIPTION

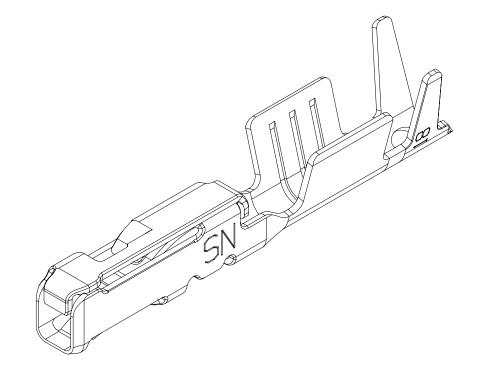
14

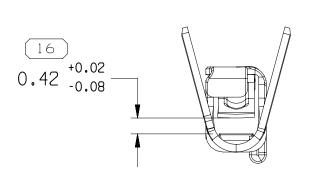
PART NUMBER REV N/P

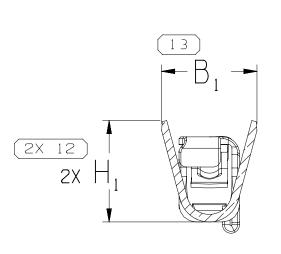
16

1 3	12		1 1		10	9			8		
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 <sub>1</sub> ±0.15	B <sub>2 ±</sub> 0.25	$(H_1)$	$(H_2)$	)
[	Ι	TIN	SN	25	0.13 - 0.22	0.83 - 1.2	1.54	1.74	1.56	1.7	7
I	Ι	TIN	SN	21	0.5	1.4 - 1.9	2.04	2.8	2.06	3.1	7
I	Ι	TIN	SN	18	0.75 - 0.8	1.7 - 1.9	2.52	2.88	2.68	3.3	1
I	Ι	TIN	SN	22	0.35	1.2 - 1.7	1.85	2.8	1.75	3.1	7
				-							

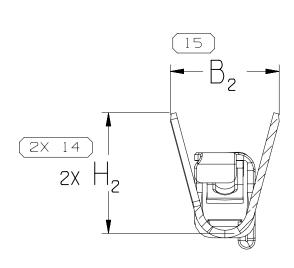
7	6	5		4
	MISSING SYMBOLS			
A DIMENSION WITHOUT AN DOES NOT REQUIRE IN CONTROLLED ON THE INDIV	SPECTION. IT MAY BE	INSPECTIONS	22	NO MISSING Symbol number
		LAST NO. USED	17	









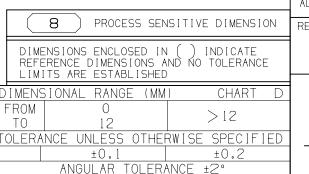


SECTION B-B

## 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 0.64±0.03mm RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 1mm AND NO LESS THAN 0.6mm. SEE USCAR EWCAP-001 DRAWING (0.64 PIN) FOR OTHER MATING BLADE REQUIREMENTS. 3. MAXIMUM CURRENT CAPACITY IS 7.5 AMPS WITH 0.8mm<sup>2</sup> COPPER CABLE. 4. \* DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE 5. MAXIMUM INSULATION CRIMP WIDTH 1.77mm AND HEIGHT 2.3mm FOR CABLE SIZE UP TO 1.9mm O.D. MAXIMUM CORE CRIMP WIDTH 1.67 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. PLATING TYPE: I. REFLOW TIN 1.9-3.3 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13-0.5 MICROMETERS THICK PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY; PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION 8. SEE TAXI P/N 13767042 FOR SIMILAR TERMINALS WITH DIFFERENT CONNECTOR CAVITY INDEX. 9. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMW3191 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 SEALING CLASS 2 & 3 (SEALED - CONNECTOR DEPENDENT) FOR GAGE I.D. 18 & 21 1.753.172.683.312.063.171.561.77

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S	DWG STATUS			ZONE		AUTH		APVD				
	DATE	STG	REV	N/P	CHG	ZUNE	REVISION HISTORY	AUTH	UR	1	2	
,	08N017	R	01	-	-		ALL PARTS - RELEASED PART DRAWING	437645	JVM	JVM	RBS	
	01FE18	R	02	-	ļ		35088739 - UPDATED PART AVAILABILITY	438924	AGH	VMR	AGH	м
	12MR18	R	03	-	I		35088738 - UPDATED PART AVAILABILITY	439244	AGH	VMR	AGH	
	20AP18	R	04	-	-		35088740 - UPDATED PART AVAILABILITY	439642	AGH	VMR	AGH	
	31JL18	R	05	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	440556	AHG	AHG	AGH	
	05AP19	R	06	-	-		ALL PARTS - DIM #10 WAS 0 ±2° AND ADDED GD&T PROFILE OF LINE CONTROL FRAME & DATUM A OVERALL INFO	441273	DAV	JAA	RBS	
	14JL21	R	07	-	-		35088739 - REVISED "CABLE SIZE" & "CABLE DIAMETER" COLUMNS IN CHART; 35578191 - RELEASED	554625	JGM	JGM	JPS	
	04FE22	R	08	-	-		35578191 - UPDATED PART AVAILABILITY (P/N WAS NOT AVAILABLE)	556531	GDH	JAA	OMS	
						-						

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LINE DRAWN THROUGH A PART NUMBER	• A P T I V	•	
ORDERING.	CONNECTION SYSTEMS		
T NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE T PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.	WARREN, OH COPYRIGHT 2017 APTIV. ALL RIGHTS RES	FRVED.	
TACT APTIV SALES TO ASSURE AVAILABILITY PARTS.	THIS DRAWING IS THE PROPERTY OF APTIV AND C	CONTAINS APTIV	
TYPE PART DRAWING	CONFIDENTIAL INFORMATION. THE REPRODUCTION, D UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD AS COMMUNICATION OF ANY CONTENT TO OTHERS, W AUTHORIZATION, IS PROHIBITED.	MATH DATA, AS WELL	
_E		DATE	
JME (CM <sup>3</sup> ) DISTR CODE	dr apvdi J. VILLAMIL	08N017	в
	APVD2 J. VILLAMIL APVD3 ROBERT B SNADER	08N017 08N017	
UNLESS OTHERWISE SPECIFIED UNLESS OTHERWISE SPECIFIED IS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AMENDED BY THE GM GLOBAL DIMENSIONING AND LERANCING ADDENDUM-2001. SEPARATE PATTERNS OF ATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM	APVD4 APVD5 SUBSTANCES OF CONCERN AND REC CONTENT PER APTIV 1094900	YCLED	
FERENCES.	SEE CHART	-	
DIMENSIONS ARE IN MILLIMETERS	DRAWING NAME		
ERENCE	TAXI TERM F OCS 0.64 IE	R SN	
THIRD ANGLE PROJECTION L	DRAWING NUMBER	9	A
	SIZE SCALE FRAME NO SHEET NO AO 10:1 1 OF 1 2 OF	STG REV N/P R 08 -	
3	2	1	

## **Mouser Electronics**

Authorized Distributor

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