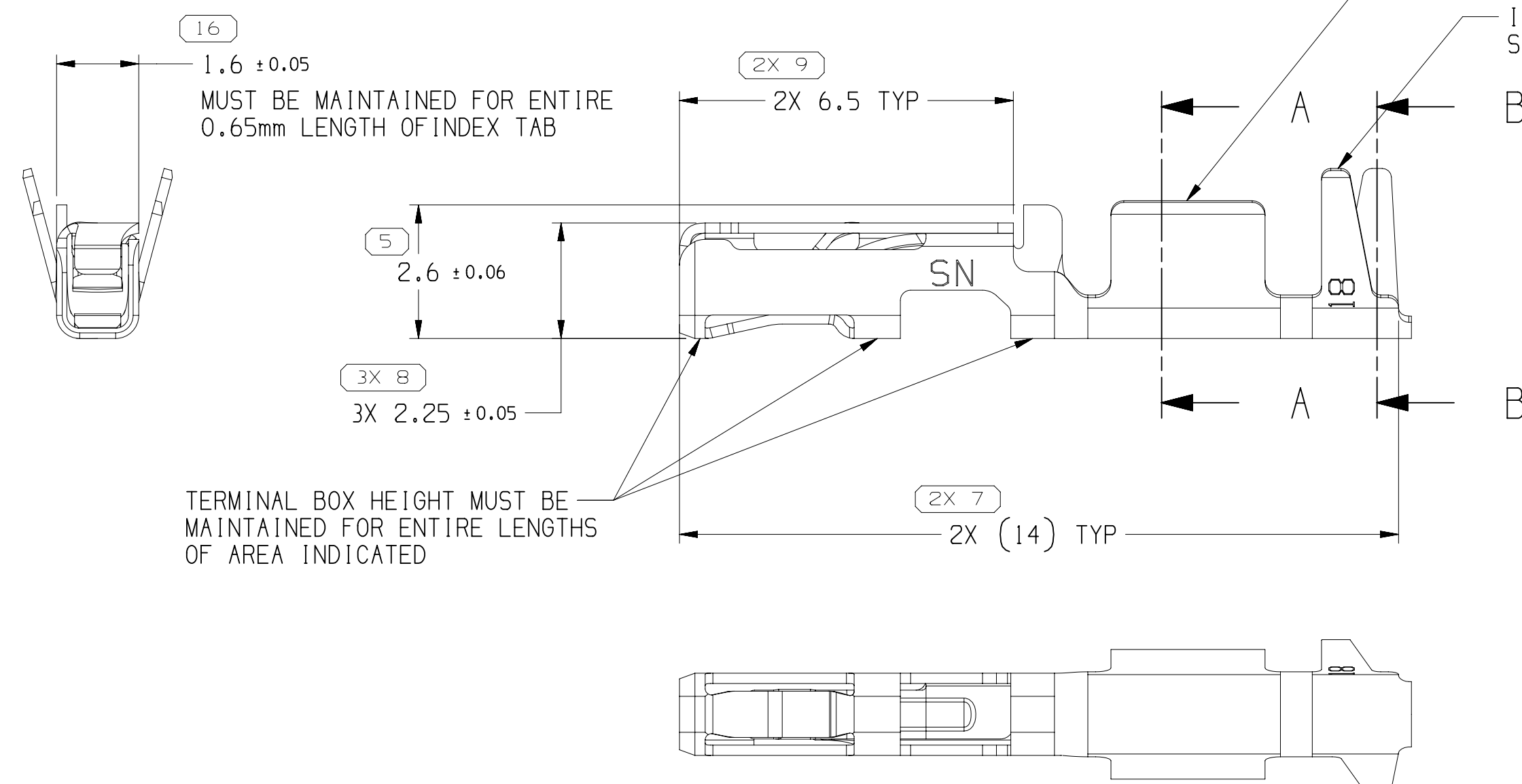


MISSING SYMBOLS		DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
	15 17	DATE	STG	REV	N/P	CHG						
		28JUN10	R	01	-	-		ALL PARTS - RELEASED	437646	JVM	JVM	RBS
		11JAN18	R	02	-	-		35088746 - UPDATED PART AVAILABILITY	438742	AGH	VMR	AGH
		19JAN18	R	03	-	-		35088745 - UPDATED PART AVAILABILITY	438799	AGH	VMR	AGH
		01MAY18	R	04	-	-		35088747 - UPDATED PART AVAILABILITY	439143	AGH	VMR	AGH
		02MAY18	R	05	-	-		35088745-46 - REMOVED INSULATOR HOLE FEATURE & ITS ASSOCIATED INFO; 35088747 - REVISED GRAPHICS	439662	LXA	JAA	AGH
		05APR19	R	06	-	-		ALL PARTS - DIM #4 WAS 0 ±2" AND ADDED GD&T PROFILE OF LINE CONTROL FRAME & DATUM A OVERALL INFO	441273	DAV	JAA	RBS



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 $0.64 \pm 0.03\text{mm}$
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^2 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 1.67mm

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:

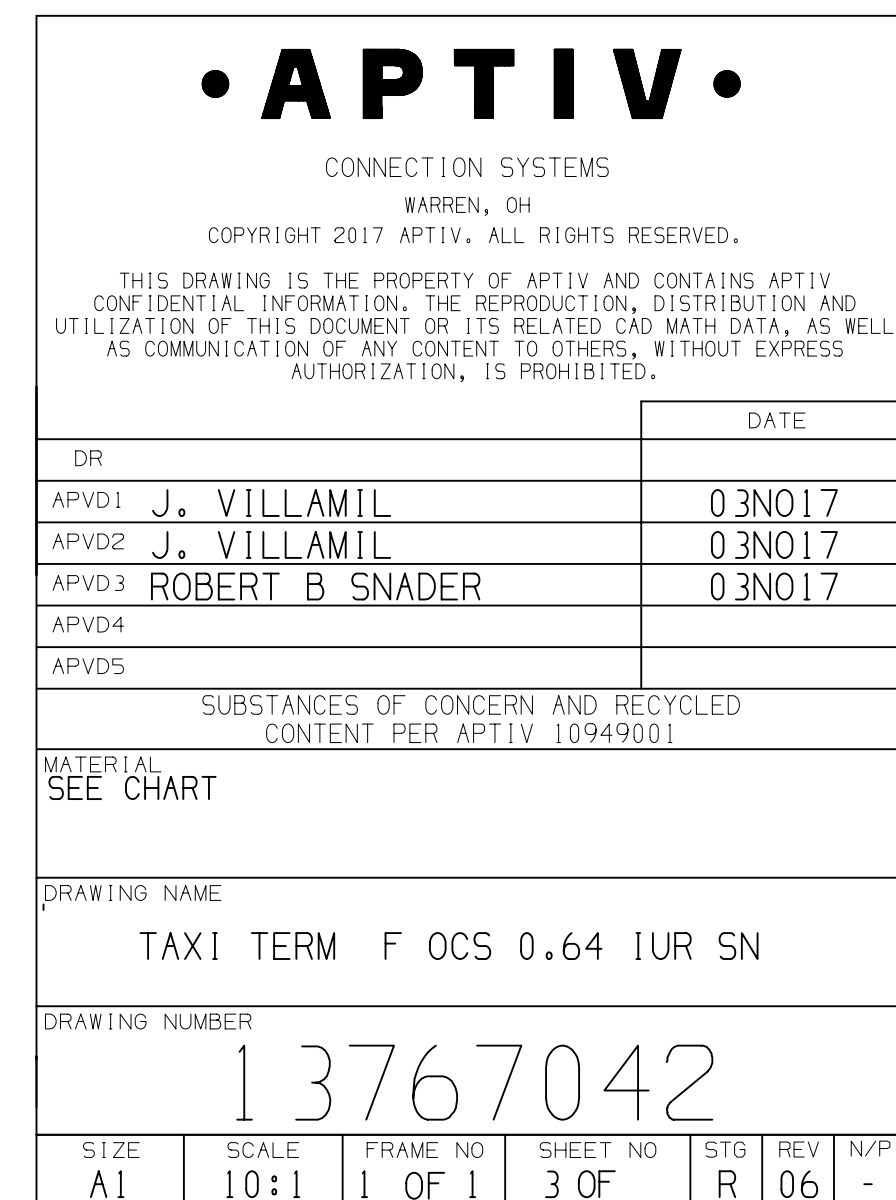
7. PLATING TYPE:

- 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 13887649 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 3I(-40° C TO +125° C)
VIBRATION CLASS 1 (ON BODY OR CHASSIS)
SEALING CLASS 1 (UNSEALED)



A	35088745	02	AA	TIN PLATED COPPER ALLOY	1	1	18	0.75 - 0.8	1.7 - 1.9	2.52	2.88	2.68	3.31
	35088746	02	AA	TIN PLATED COPPER ALLOY	1	1	21	0.35 - 0.5	1.2 - 1.83	2.04	2.8	2.06	3.17
	35088747	02	AA	TIN PLATED COPPER ALLOY	1	1	25	0.13 - 0.22	0.81 - 1.2	1.54	1.74	1.56	1.77
	PART NO	REV	N/P	MATERIAL DESCRIPTION	CONTACT AREA PLATING TYPE (SEE NOTE 7)	CRIMP AREA PLATING TYPE (SEE NOTE 7)	I.D.	CABLE SIZE (mm ²)	CABLE DIA	B ₁ ±0.15	B ₂ ±0.25	(H ₁)	(H ₂)

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

Mouser Electronics

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