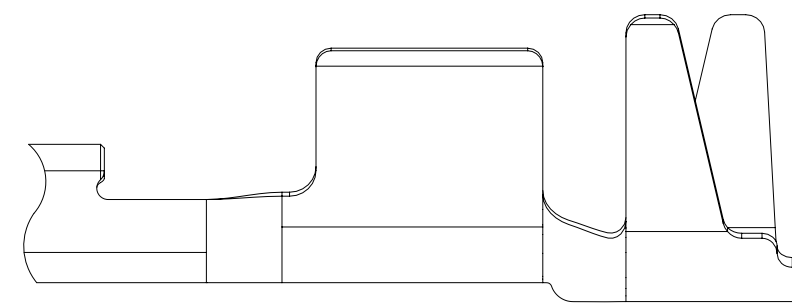
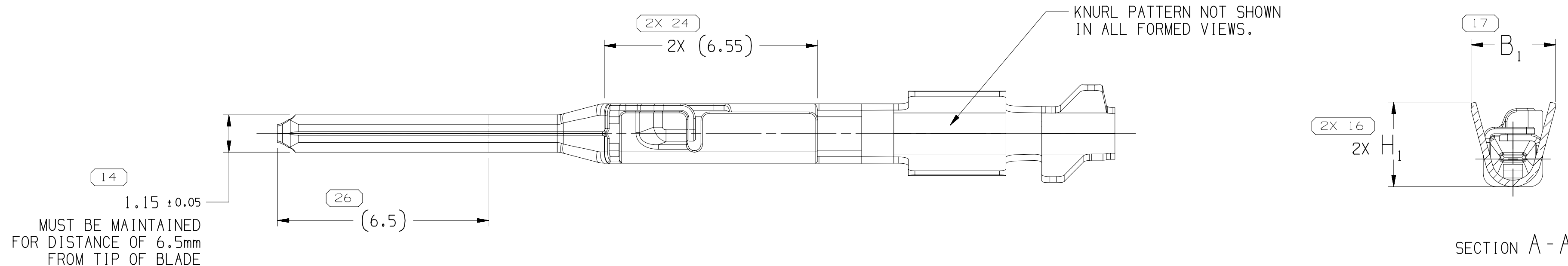


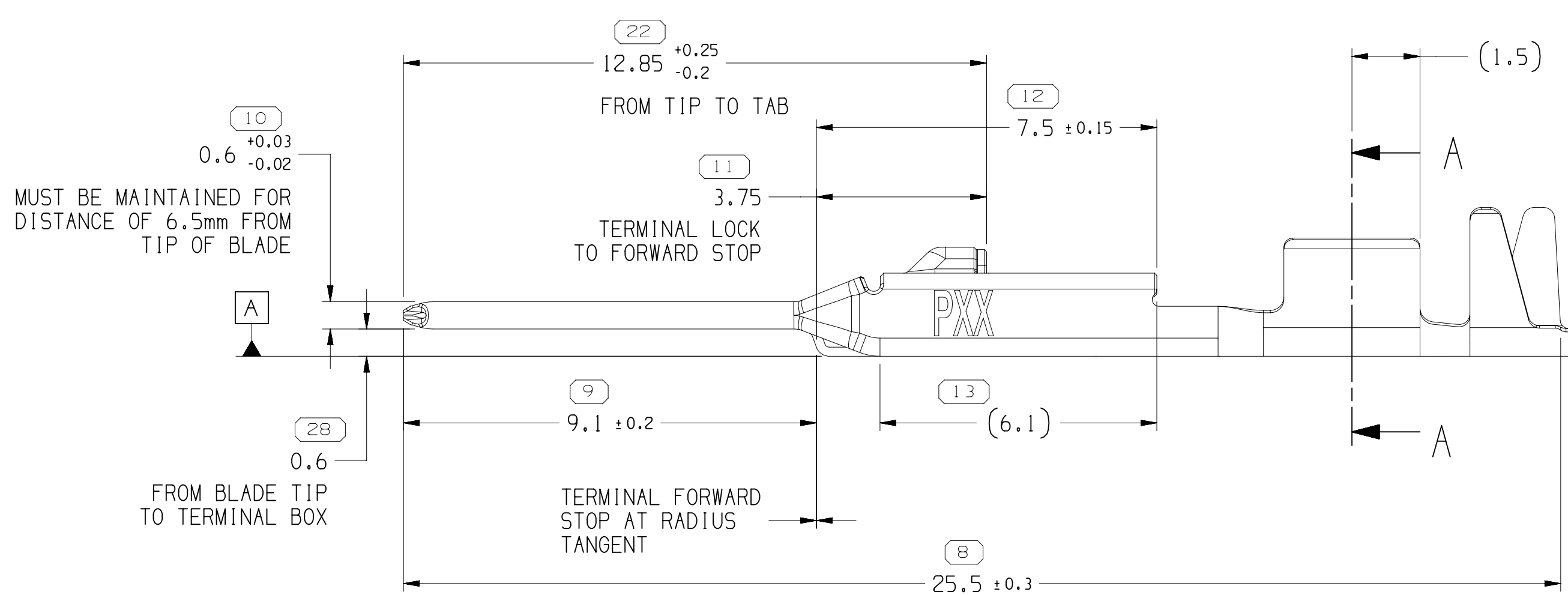
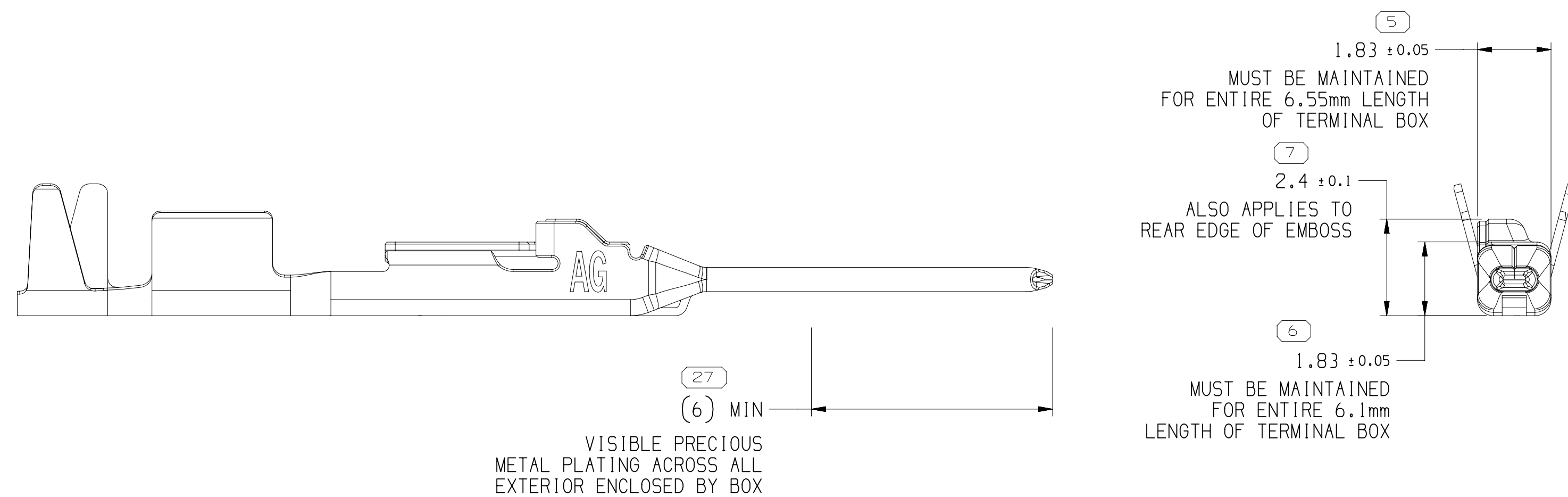
TYPE 401
TYPE 402
SAME AS TYPE 401
EXCEPT AS SHOWN
TERMINAL, CABLE ALIGNMENT & POSITION



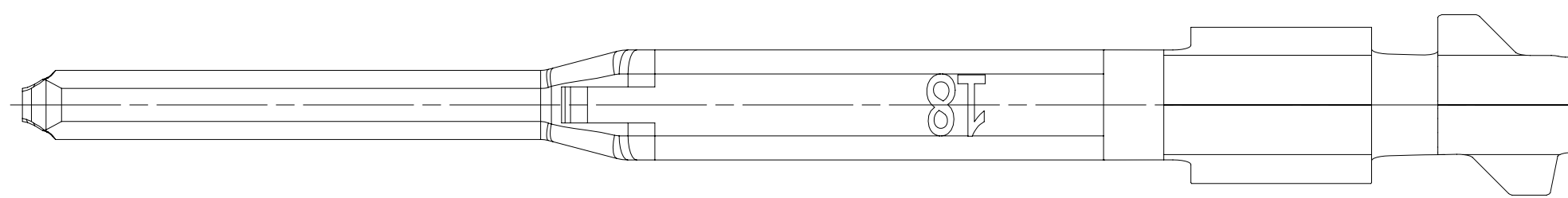
TYPE 402
SAME AS TYPE 401
EXCEPT AS SHOWN



SECTION A-A



TYPE 401



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. FOR TYPE 401 WITH CABLE SIZES UP TO 1.9mm O.D.; MAXIMUM INSULATION CRIMP WIDTH OF 1.9mm AND HEIGHT 1.9mm; MAXIMUM CORE CRIMP WIDTH IS 1.9mm.
FOR TYPE 401 WITH CABLE SIZES GREATER THAN 1.9mm BUT LESS THAN 2.34mm O.D.; MAXIMUM INSULATION CRIMP WIDTH OF 2.25mm AND HEIGHT 2.35mm; MAXIMUM CORE CRIMP WIDTH IS 1.9mm

FOR TYPE 402 WITH CABLE SIZES UP TO 2.4mm O.D.; MAXIMUM INSULATION CRIMP WIDTH OF 2.6mm AND HEIGHT 2.6mm; MAXIMUM CORE CRIMP WIDTH IS 1.9mm

3. PLATING TYPE:

I. REFLOW TIN 1.9 - 3.3 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13 - 0.5 MICROMETERS THICK.

II. SILVER 1.0 - 2.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.254 MICROMETERS THICK.

III. MATTE TIN 1.9 - 7.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.254 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.

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

5. * DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE

6. REFERENCE MATING COMPONENTS OR EQUIVALENTS: TERMINAL 35072409

7. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GWM3191 JUNE 2012 AND SAE/USCAR-2 R6 REVISION FOR THE FOLLOWING CLASSIFICATIONS:

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

8. FOR TERMINALS PACKAGED & STORED IN THE APPROVED MANNER, TARNISH ON SILVER PLATED SURFACES WILL NOT AFFECT THE PERFORMANCE OF THE PART.

9. 15 CABLE I.D. P/N IS NOT APPROVED FOR USE IN SUMITOMO CONNECTOR HOUSINGS - THE TERMINAL-CONNECTOR POLARIZATION FEATURE IN THE CONNECTOR CAVITY DOES NOT MEET REQUIREMENTS.

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

32

LAST NO. USED

30

MISSING SYMBOLS

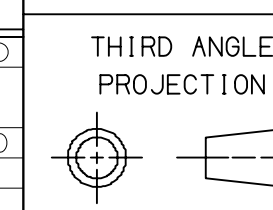
15 21 23 25

DWG STATUS	DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD
17NO17	R	01	-	-	-	-	ALL PARTS - RELEASED	437648	JVM	JVM	RBS
02AUI8	R	02	-	-	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES; 35080798-99 - UPDATED VALUES ON B ₁ COLUMN	440513	DAV	JAA	LES
29OC18	R	03	-	-	-	-	ALL PARTS - UPDATED PART AVAILABILITY	441421	COD	COD	RBS
10FE20	R	04	-	-	-	-	35412745 - RELEASED; 35080799 - CABLE SIZE WAS 0.35 - 0.5 AND CABLE DIAMETER 1.2 - 1.83	550796	JGO	GLB	RBS
04JN20	R	05	-	-	-	-	35412745 - B ₂ WAS 1.8 AND (H ₂) WAS 1.8	551618	LGD	JAA	RBS
15JL20	R	06	-	-	-	-	35412745 - UPDATED PART AVAILABILITY	551994	JLL	JAA	RBS

PART NUMBER	REV	N/P	CABLE I.D. STATUS	TYPE	MATERIAL SPECIFICATION	MATERIAL SIZE	CONTACT AREA PLATING TYPE (SEE NOTE 3)	CRIMP AREA PLATING TYPE (SEE NOTE 3)	CONTACT PLATING I.D.	CABLE I.D.	CABLE SIZE (mm ²)	CABLE DIAMETER	B ₁ ±0.15	B ₂ ±0.25	B ₄	(H ₁)	(H ₂)
35080800	01	AB	-	401	AG PLATED COPPER ALLOY	0.2	II	III	AG	25	0.13 - 0.22	0.81 - 1.2	1.5	1.8	1.88	1.4	1.8
35412745	01	AB	-	401	AG PLATED COPPER ALLOY	0.2	II	III	AG	22	0.35	1.2 - 1.7	1.85	2.85	1.88	1.75	3.15
35080799	01	AC	-	401	AG PLATED COPPER ALLOY	0.2	II	III	AG	21	0.5	1.4 - 1.9	2.1	2.85	1.88	2.05	3.15
35080798	01	AB	-	401	AG PLATED COPPER ALLOY	0.2	II	III	AG	18	0.75 - 1.0	1.7 - 2.34	2.6	3	1.88	2.6	3.3
35080797	01	AB	SEE NOTE #9	402	AG PLATED COPPER ALLOY	0.2	II	III	AG	15	1.25 - 1.5	1.8 - 2.4	3.1	3.9	2.2	3.1	3.8

5	PROCESS SENSITIVE DIMENSION
DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED.	CHART D
FROM 0 TO 14	> 12
TOLERANCE UNLESS OTHERWISE SPECIFIED ±0.1	±0.2
ANGULAR TOLERANCE ±2°	

THIRD ANGLE PROJECTION	DO NOT SCALE	USE MATH DATA
1	1	1



ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

•APTIV•

CONNECTION SYSTEMS

WARREN, OH

COPYRIGHT 2017 APTIV. ALL RIGHTS RESERVED.

THIS DRAWING IS THE PROPERTY OF APTIV AND CONTAINS APTIV CONFIDENTIAL INFORMATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED.

DR	DATE
APVD1 J. VILLAMIL	17NO17
APVD2 J. VILLAMIL	17NO17
APVD3 ROBERT B. SNADER	17NO17
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001

MATERIAL

SEC CHART

DRAWING NAME

TAXI TERM M OCS 1.2

DRAWING NUMBER

33101338

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	10:1	1	OF 1	4	OF	R 06

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Aptiv:](#)

[35412745](#) [35412745-L](#)