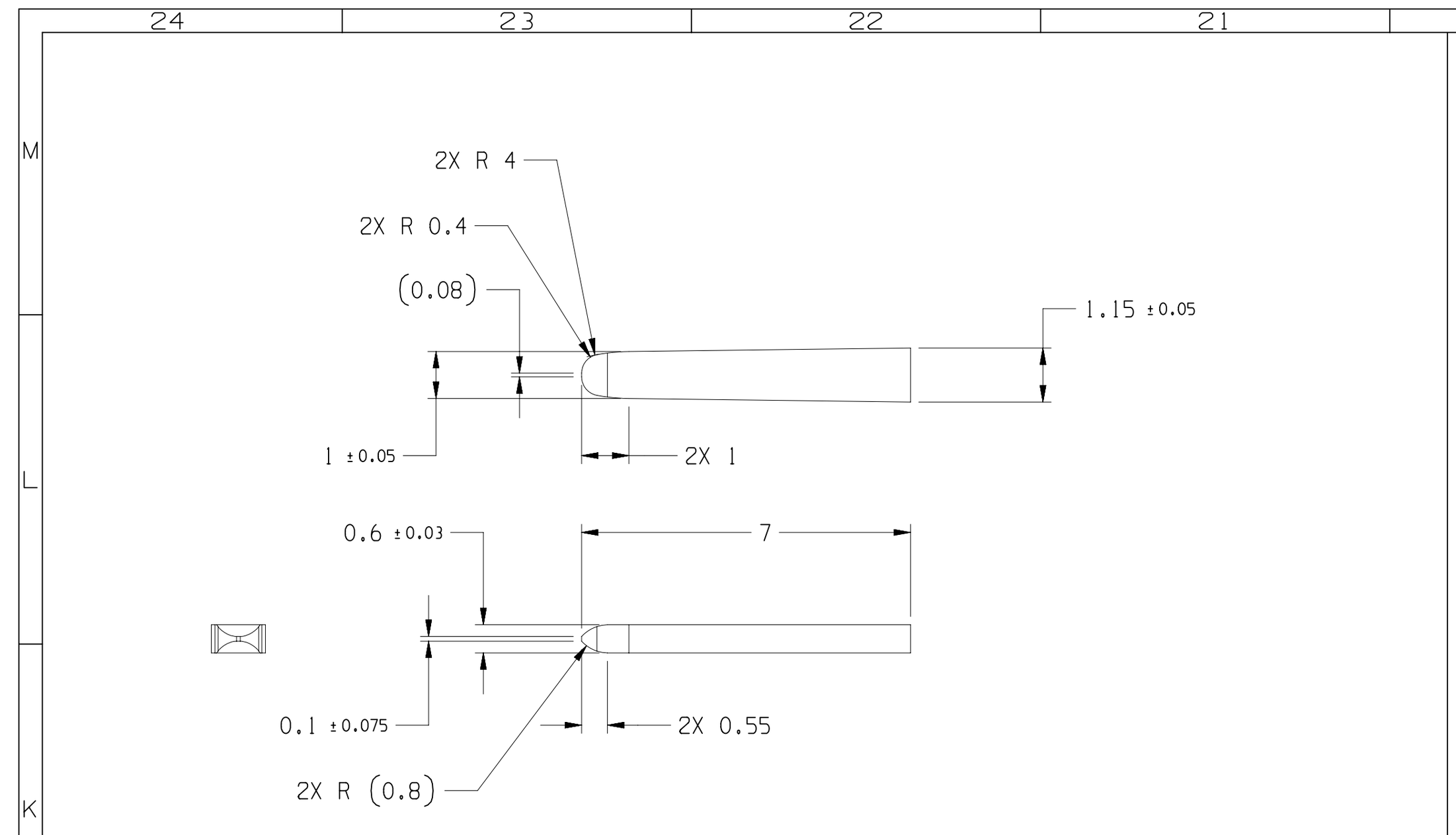
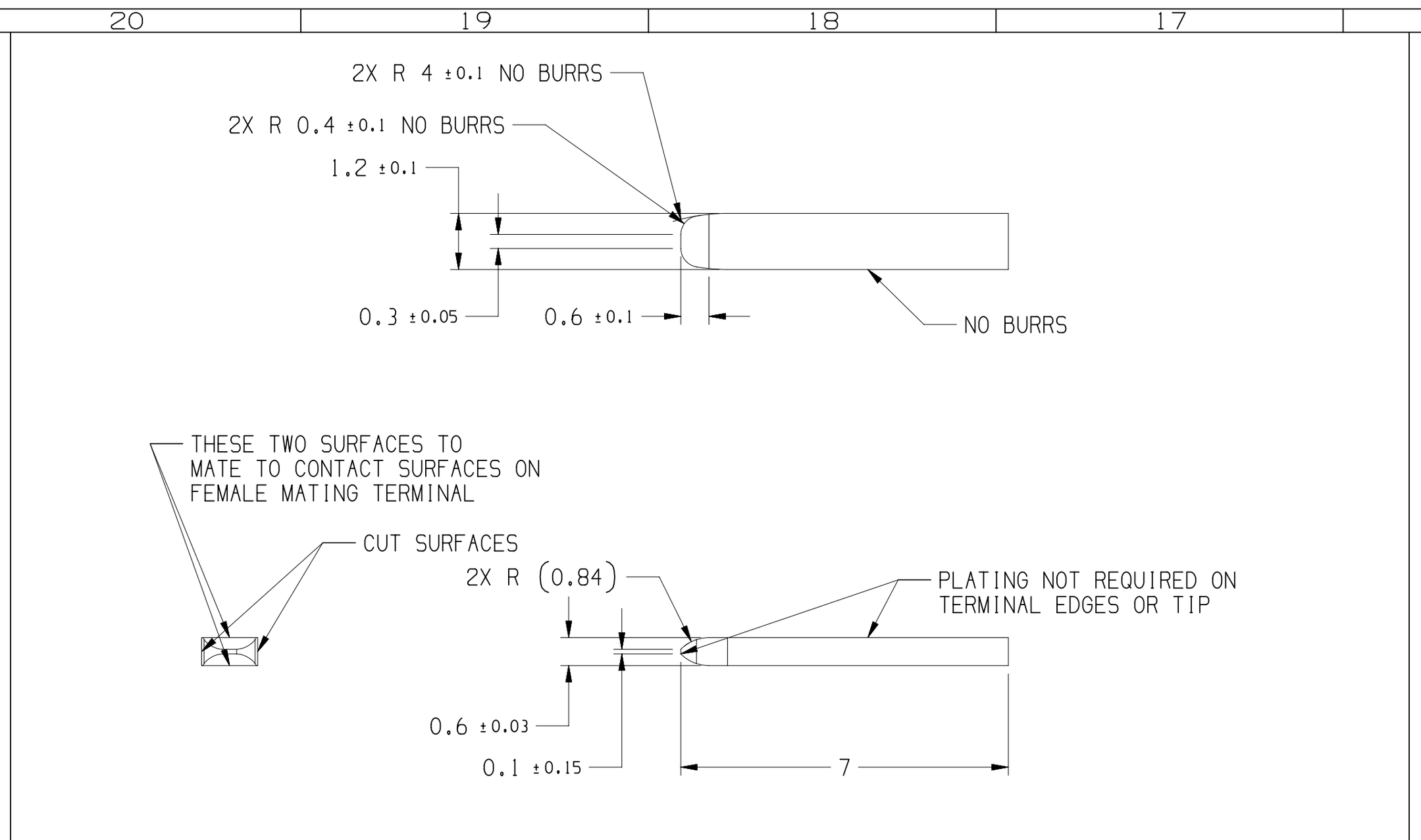
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	22
	LAST NO. USED	19

MISSING SYMBOLS
1 7 15 18

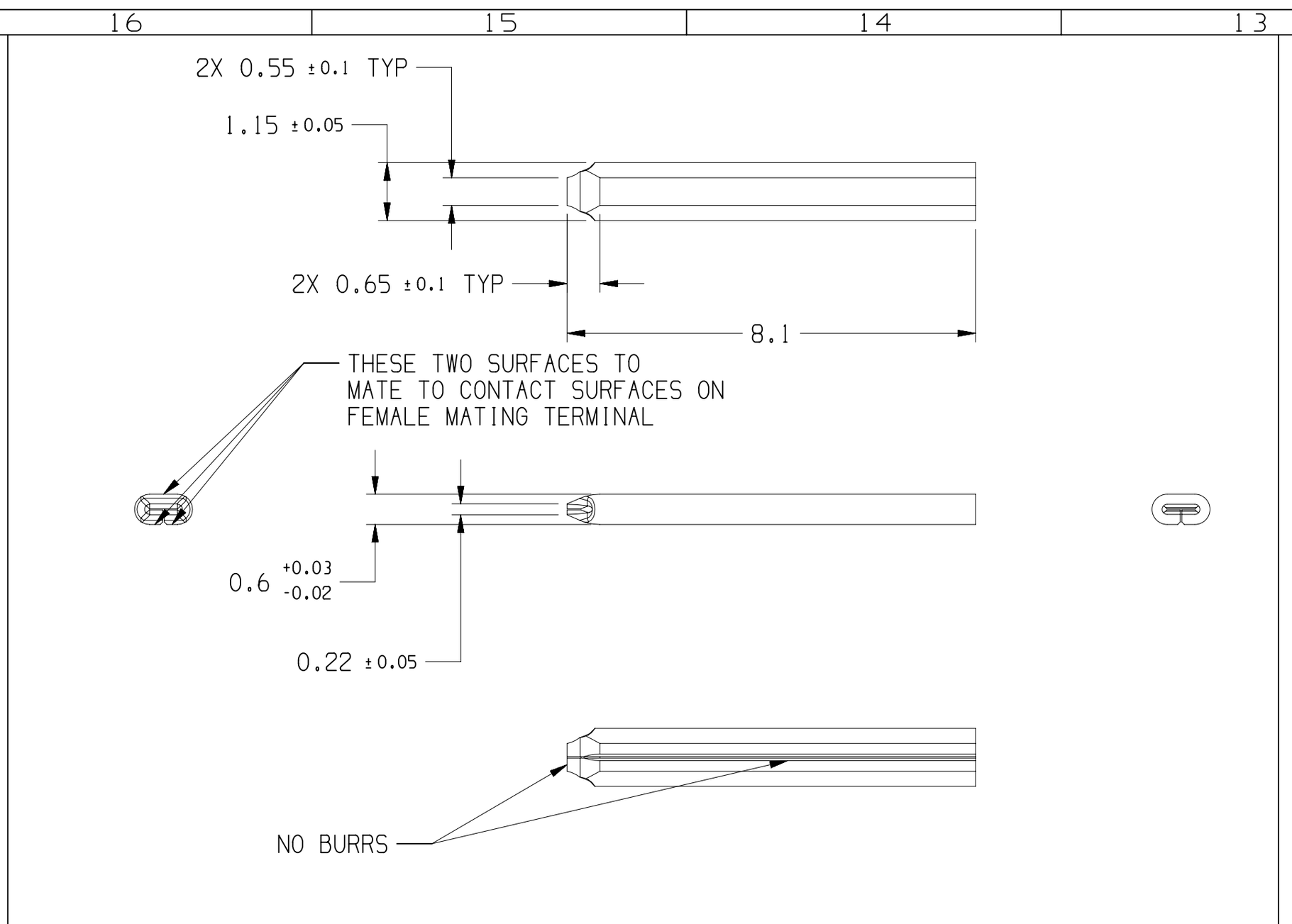
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG						
15NO17	R	01	-	-		ALL PARTS - RELEASED	437647	JVM	JVM	RBS
16MR18	R	02	-	-		35072408-11 - UPDATED PDM ATTRIBUTES	439281	AGC	AGC	RBS
26MR18	R	03	-	-		35072409 - UPDATED PART AVAILABILITY	439405	LES	LES	VMR
26SE18	R	04	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES, 35072410 - UPDATED PART AVAILABILITY	441148	LES	LES	VMR
12NO18	R	05	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	441457	LXA	JAA	LB
10DE18	R	06	-	-		35072412 - UPDATED PART AVAILABILITY	441876	LB	LB	VMR
11FE20	R	07	-	-		35410023 - RELEASED; 35072409 - COPPER "SIZE (MM²)" 0.5 WAS 0.35-0.5 AND "DIA." 1.4-1.9 WAS 1.2-1.6	550365	DAG	JAA	RBS
04OC20	R	08	-	-		35410023 - UPDATED PART AVAILABILITY	552910	AGC	AGC	RBS
25MR21	R	09	-	-		35072411 - UPDATED PART AVAILABILITY (PN WAS NOT AVAILABLE)	553879	JAA	JAA	OMS



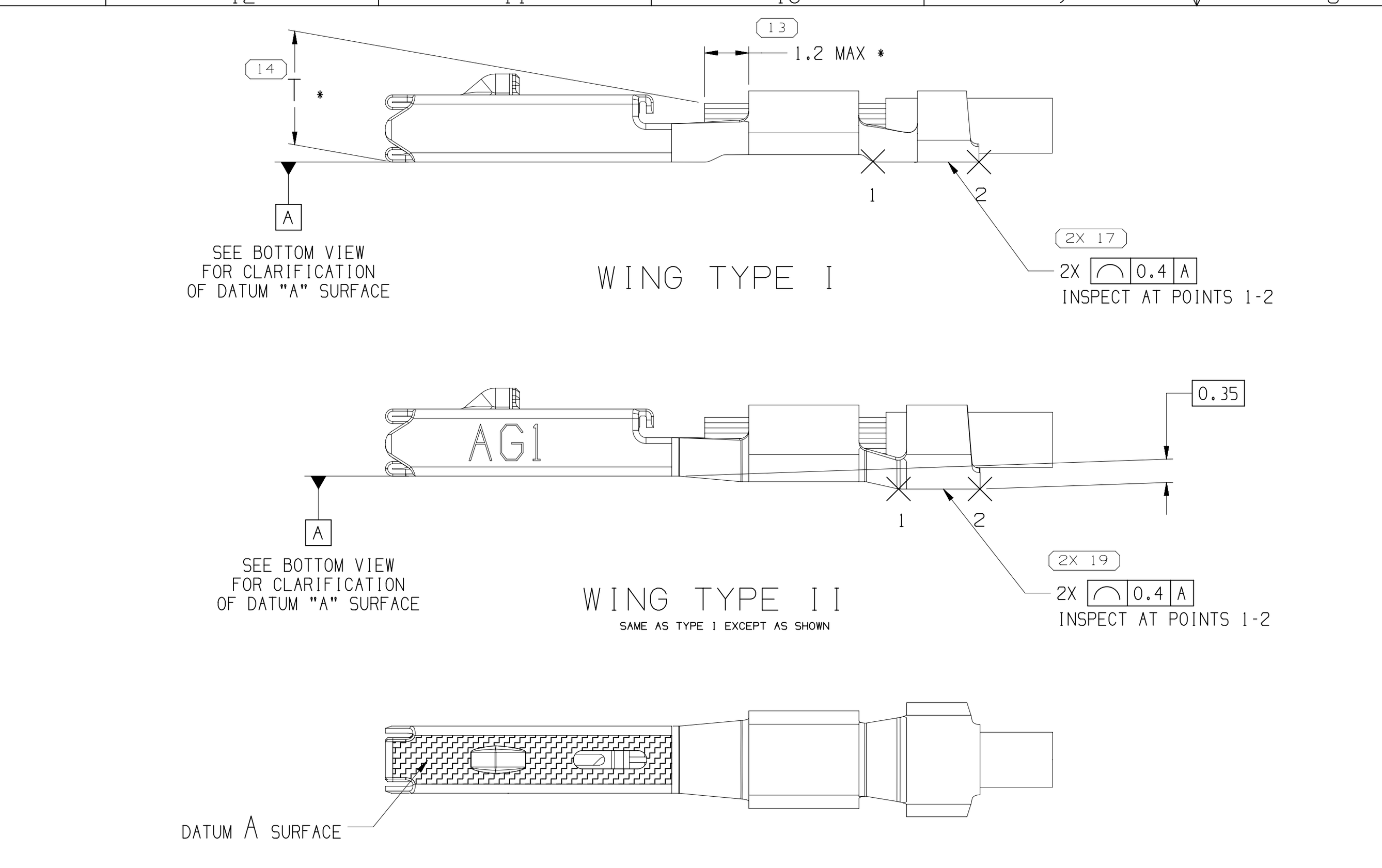
RECOMMENDED MATING BLADE CONFIGURATION



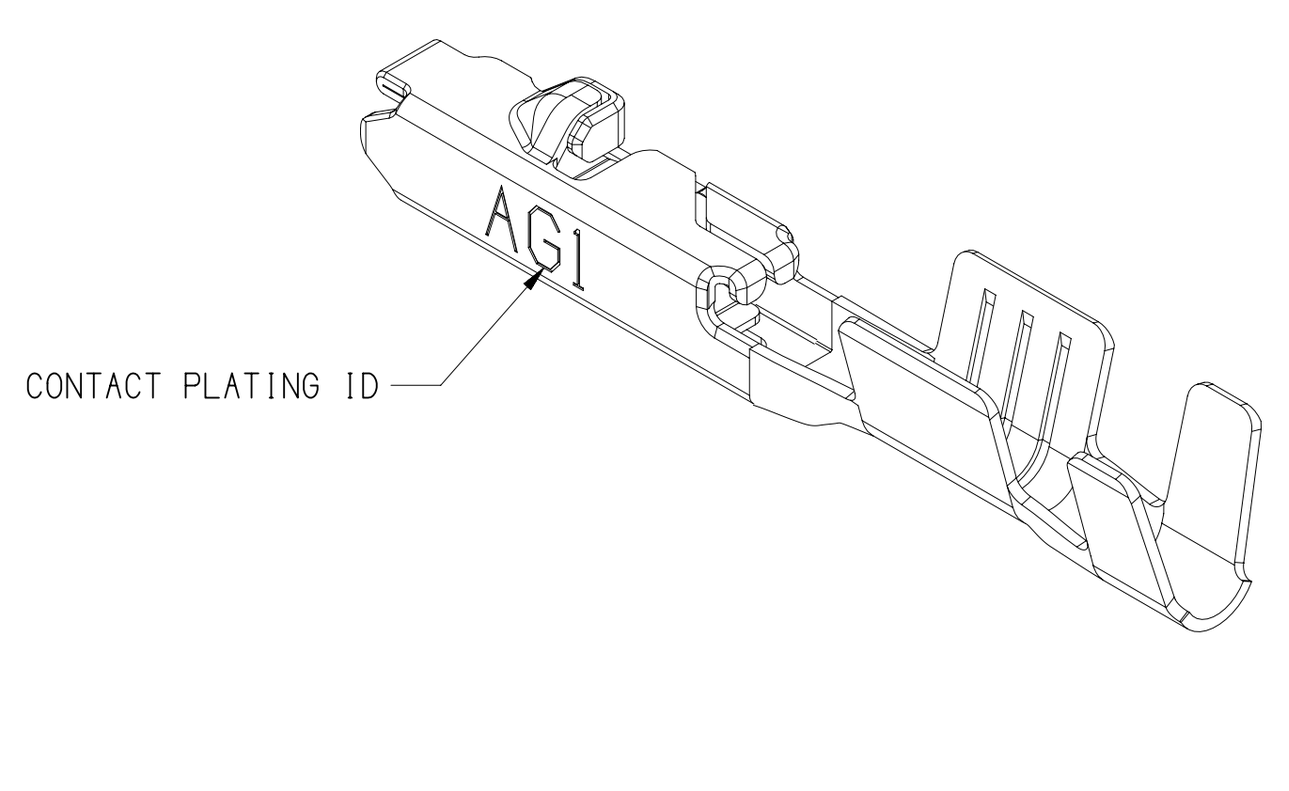
OPTIONAL MATING BLADE CONFIGURATION
USCAR EWCAP 1.2 STRAIGHT WIDE BLADE

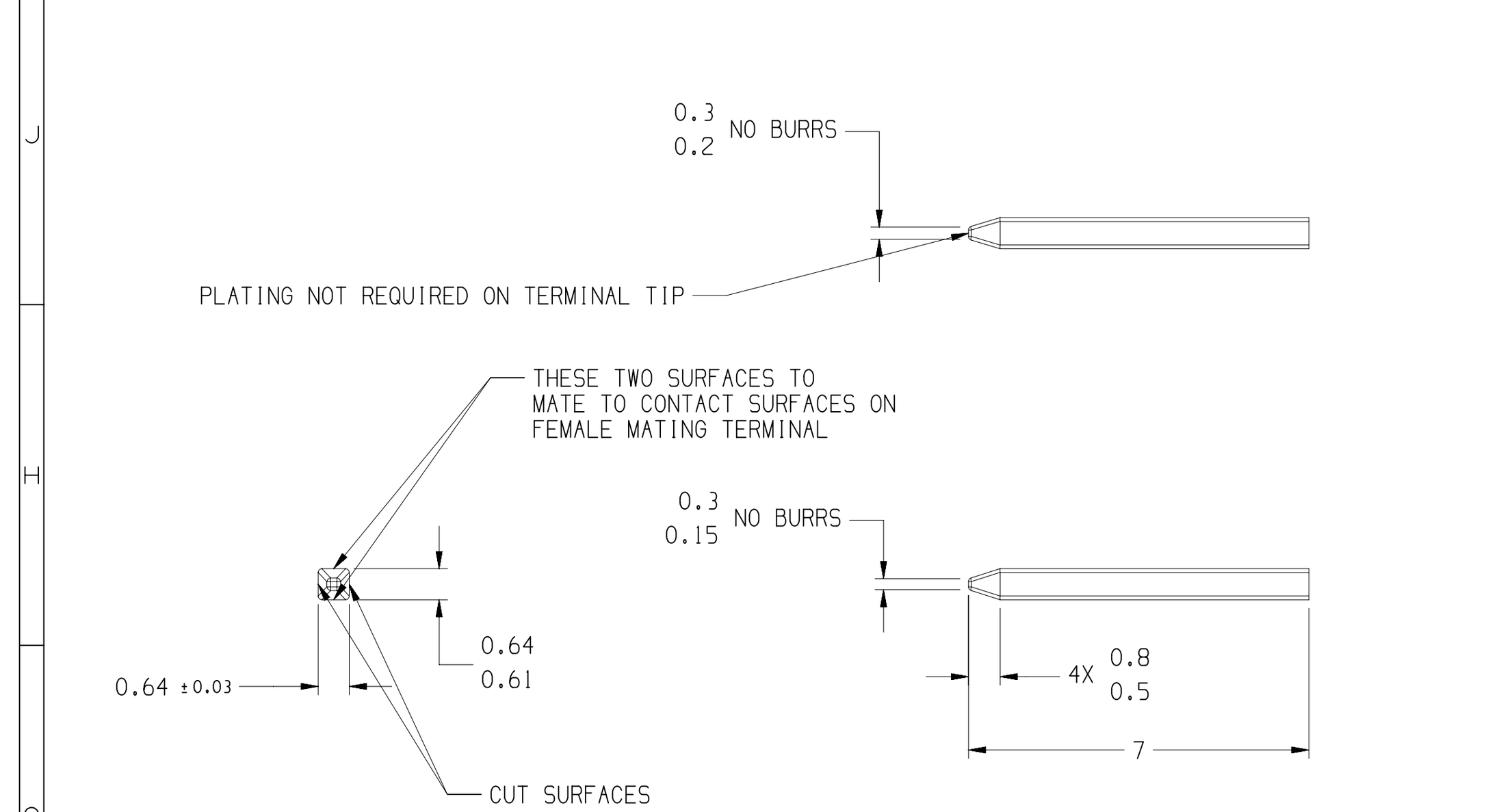


OPTIONAL FORMED MATING BLADE CONFIGURATION



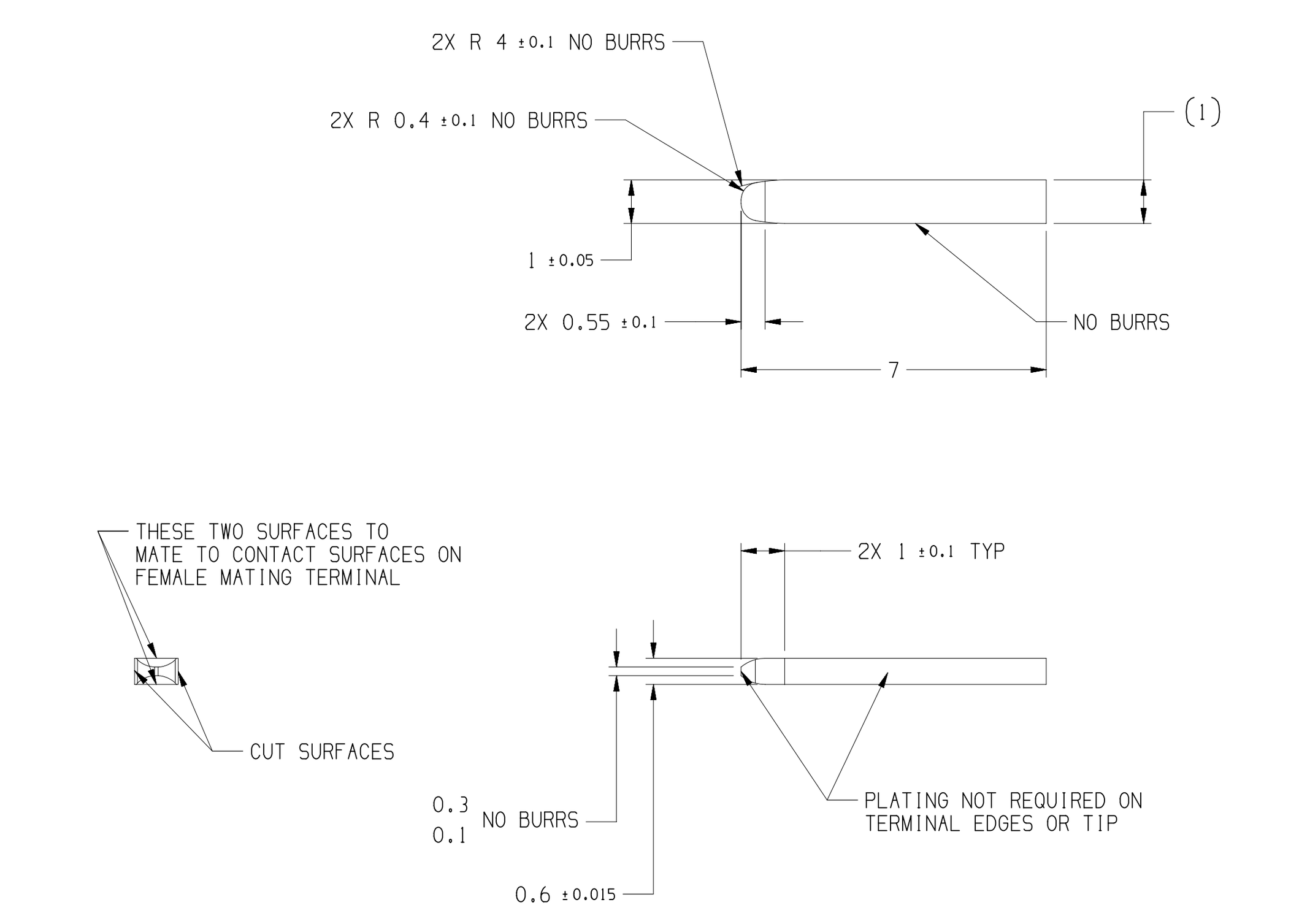
TERMINAL, CABLE CRIMP ALIGNMENT & POSITION



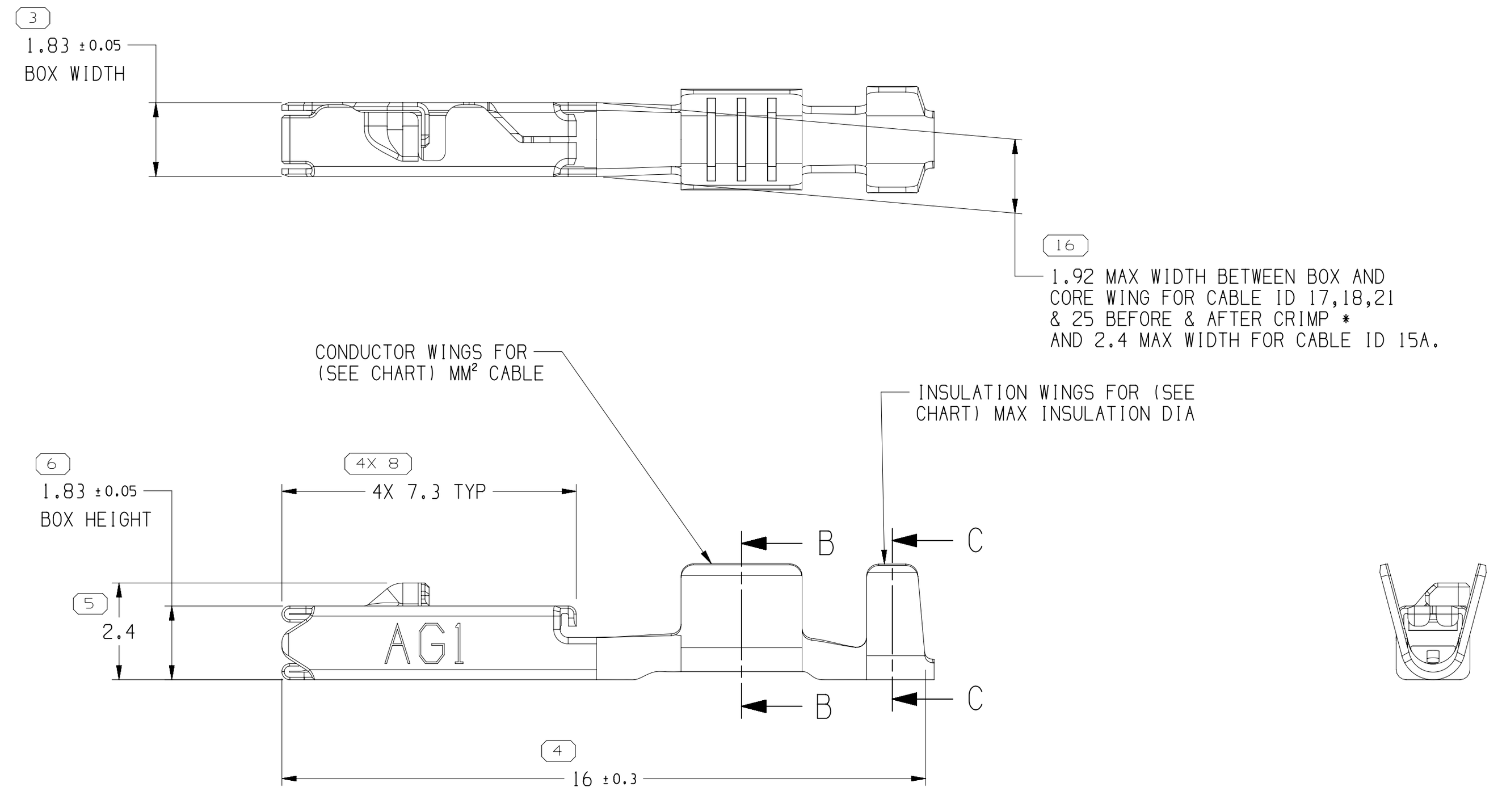


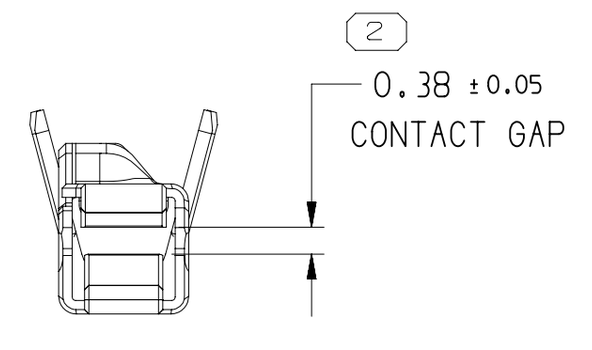
1. PIN MUST BE SYMMETRICAL WITHIN TOLERANCE SHOWN.
2. ALL TIP OR PIN EDGES MAY BE RADIUSED R 0.08 MAX.
3. NO BURRS ON TIP OR PIN EDGES.
4. ALL PIN DIMENSIONS INCLUDE PLATING IF APPLICABLE.

OPTIONAL MATING BLADE CONFIGURATION 064-T

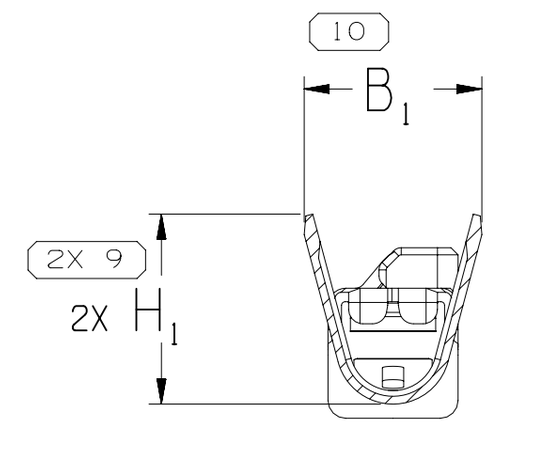


OPTIONAL MATING BLADE CONFIGURATION
USCAR EWCAP 1 STRAIGHT NARROW BLADE

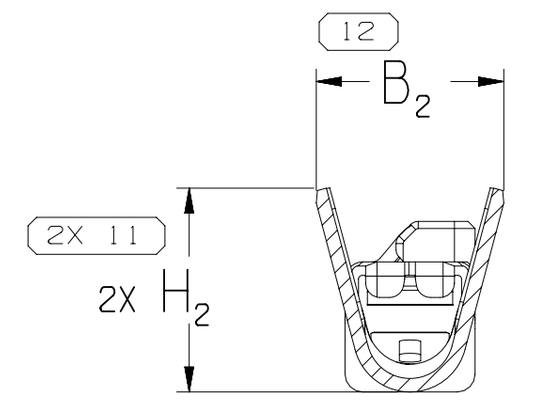




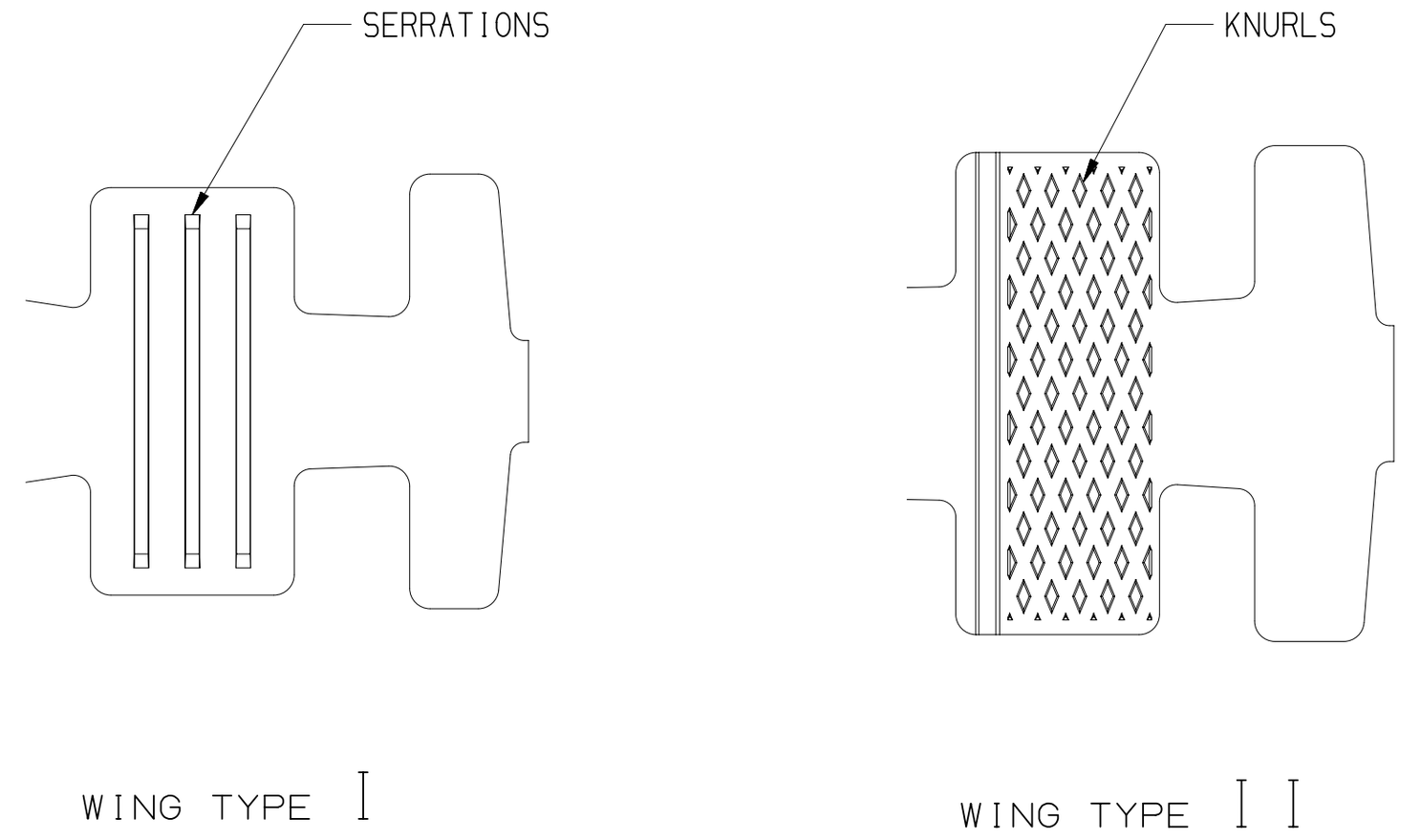
FORMED VIEW
WING TYPE I



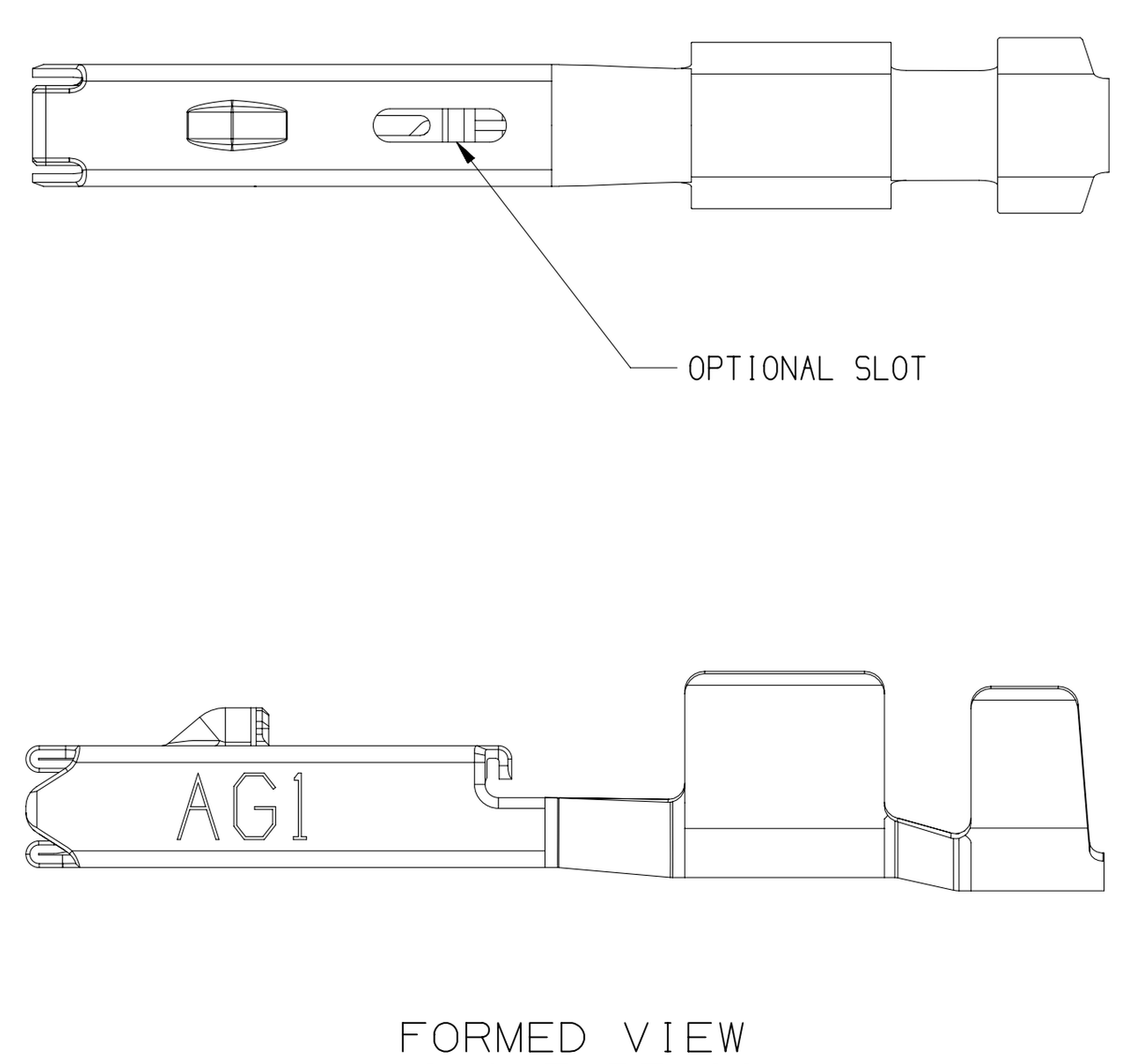
SECTION B-B



SECTION C-C



WING TYPE I WING TYPE II



FORMED VIEW
WING TYPE II
SAME AS TYPE I EXCEPT AS SHOWN

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.
   2.35 MM MAX WIDTH, 2.40 MM MAX HEIGHT FOR CABLE SIZE BETWEEN 1.86 TO 2.25 MM O.D.
   2.67 MM MAX WIDTH, 2.67 MM MAX HEIGHT FOR CABLE SIZE BETWEEN 2.25 TO 2.40 MM O.D.

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

5. 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.

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

7. 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.

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

9. REFERENCE MATING COMPONENTS OR EQUIVALENTS:
   TERMINAL 35091062

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) FOR CABLE I.D. 15A, 17 & 25
    VIBRATION CLASS 2 (ON ENGINE) FOR CABLE I.D. 18, 21 & 22
    SEALING CLASS 1 (UNSEALED) FOR CABLE I.D. 15A, 17 & 25
    SEALING CLASS 2 OR 3 (SEALED CONNECTOR DEPENDENT)
    FOR CABLE I.D. 18, 21 & 22

PART NO	REV	N/P	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.	COPPER SIZE (MM²)	COPPER DIA	ID	WING TYPE	B_1 ±0.2	B_2 ±0.3	(H_1)	(H_2)	T MAX
35410023	01	AA	0.19 X 26.78	AG PLATED COPPER ALLOY	II	III	SILVER	AG1	0.35	1.2 - 1.7	22	I	1.8	2.4	1.75	2.4	1.4
35072412	01	AC	0.19 X 27.78	AG PLATED COPPER ALLOY	II	III	SILVER	AG1	1.25 - 1.5	2.1 - 2.4	15A	II	3.1	3.4	3.1	3.1	1.7
35072411	01	AD	0.19 X 26.78	AG PLATED COPPER ALLOY	II	III	SILVER	AG1	0.8 - 1.0	1.86 - 2.1	17	I	2.5	2.8	2.7	2.8	1.6
35072410	01	AC	0.19 X 26.78	AG PLATED COPPER ALLOY	II	III	SILVER	AG1	0.75 - 0.8	1.7 - 1.9	18	I	2.5	2.5	2.7	2.5	1.5
35072409	01	AE	0.19 X 26.78	AG PLATED COPPER ALLOY	II	III	SILVER	AG1	0.5	1.4 - 1.9	21	I	2	2.4	2.1	2.4	1.4
35072408	01	AC	0.19 X 26.78	AG PLATED COPPER ALLOY	II	III	SILVER	AG1	0.13 - 0.22	0.81 - 1.2	25	I	1.5	1.5	1.4	1.6	1.0

DRAWING NUMBER						
13543112						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	10:1	2 OF 2	6 OF	R	09	-

PART DRAWING

UNLESS OTHERWISE SPECIFIED

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

•APTIV•

CONNECTION SYSTEMS
WARREN, OH

		DATE
DR		
APVD1	J. VILLAMIL	15NO17
APVD2	J. VILLAMIL	15NO17
APVD3	ROBERT B SNADER	15NO17
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001

MATERIAL
SEE CHART

DRAWING NAME
TAXI TERM F OCS 1.2

DRAWING NUMBER						
13543112						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	10:1	1 OF 2	6 OF	R	09	-

13543112

Mouser Electronics

Authorized Distributor

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

Aptiv:
35410023