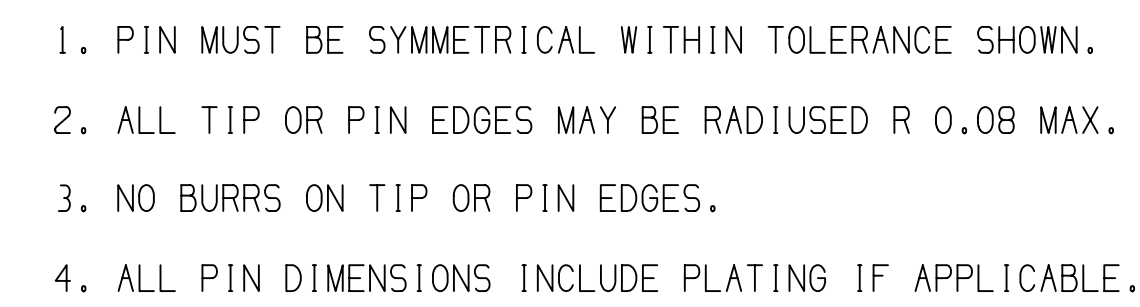




OPTIONAL MATING BLADE
CONFIGURATION 064-T

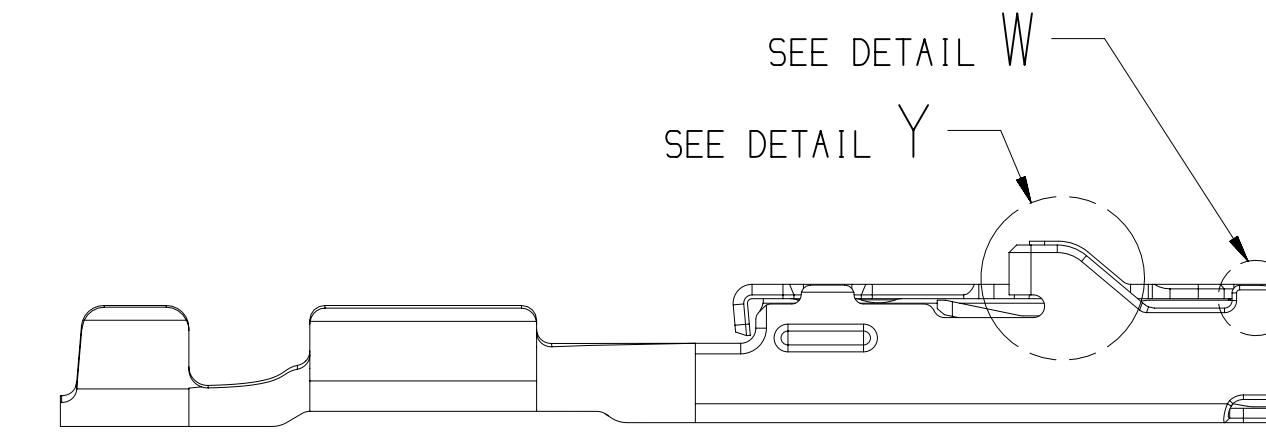
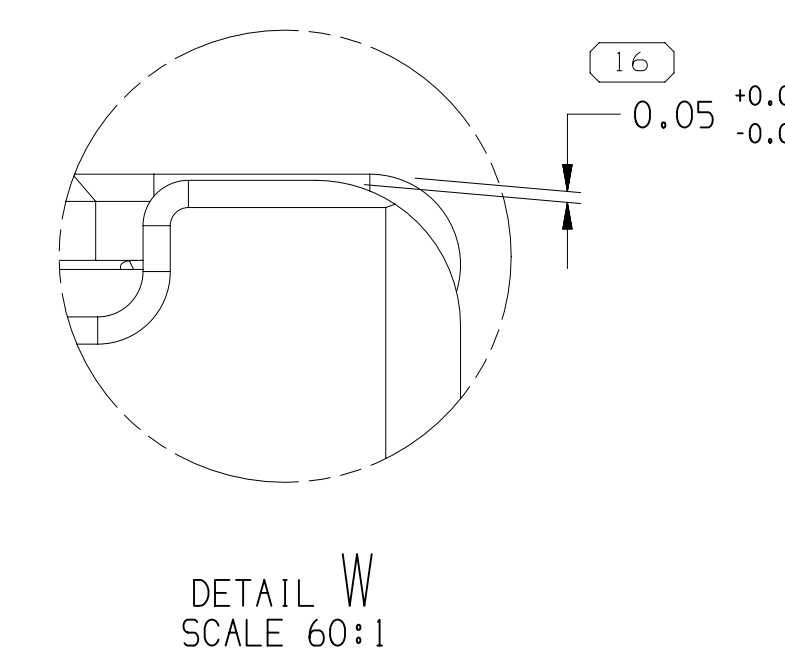
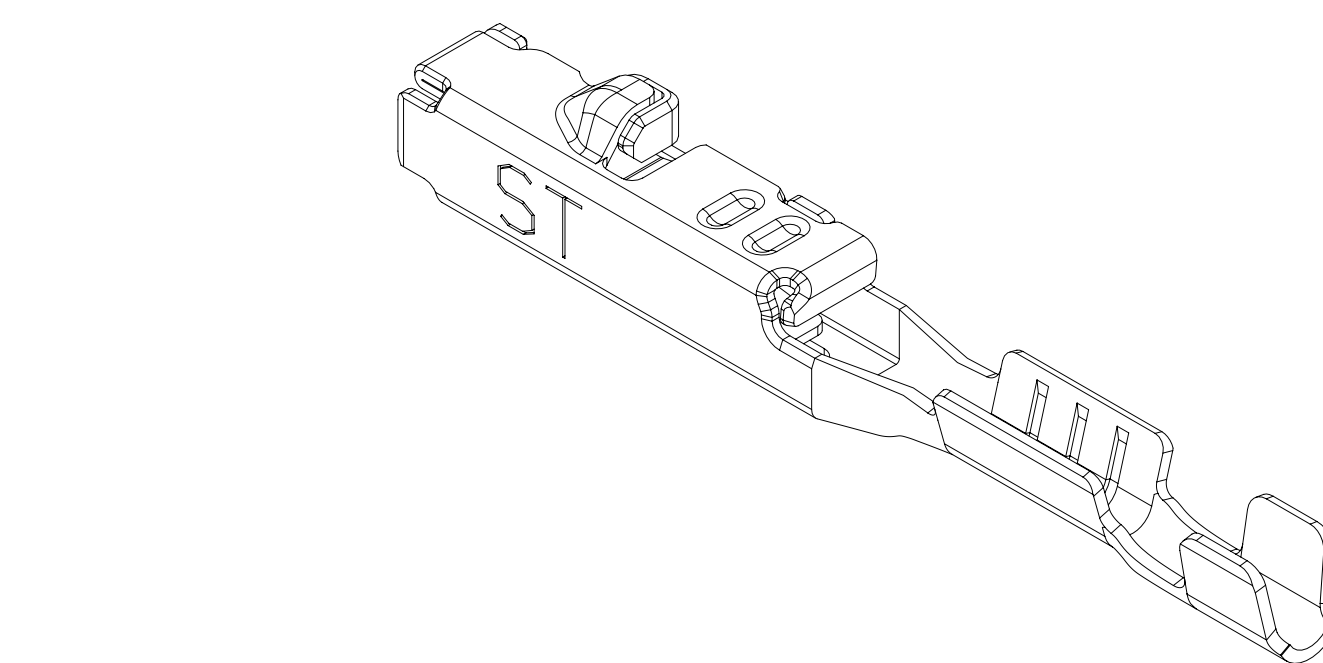
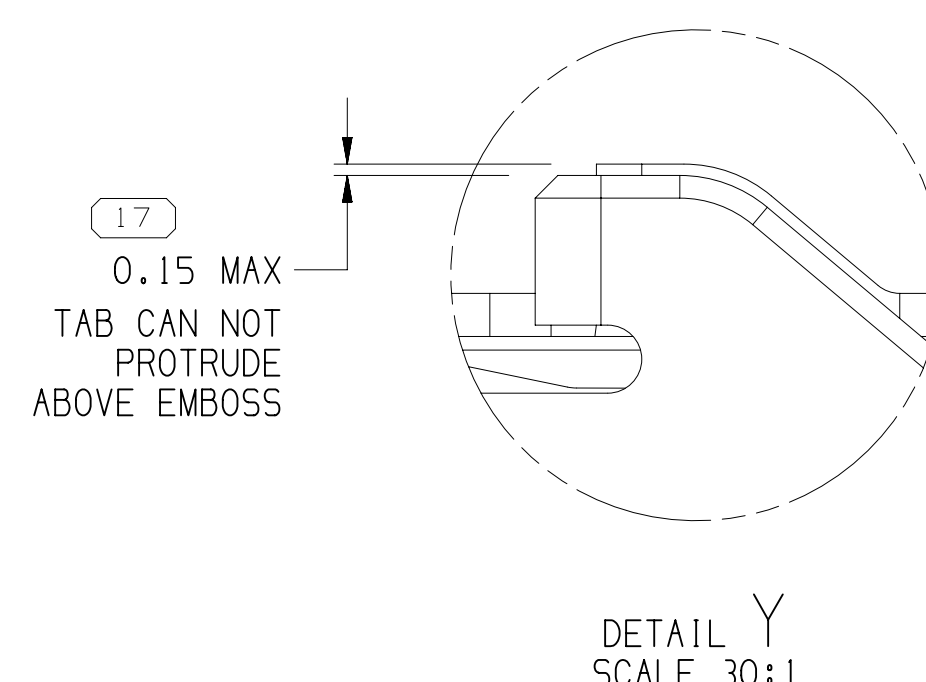
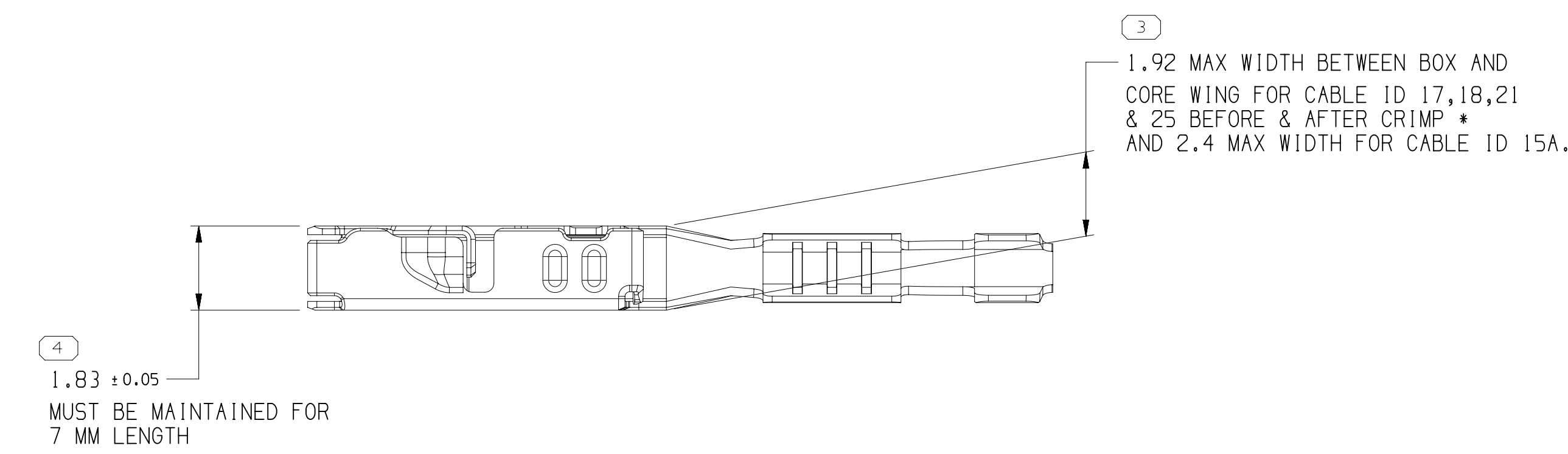


OPTIONAL FORMED MATING BLADE CONFIGURATION



35602298	01	AD	101	0.19 X 26.78	TIN PLATED COPPER ALLOY
35602297	01	AD	101	0.19 X 26.78	TIN PLATED COPPER ALLOY
35602296	01	AD	101	0.19 X 26.78	TIN PLATED COPPER ALLOY
35602295	01	AD	101	0.19 X 26.78	TIN PLATED COPPER ALLOY
35602294	01	AD	101	0.19 X 26.78	TIN PLATED COPPER ALLOY
35602293	01	AD	101	0.19 X 27.78	TIN PLATED COPPER ALLOY
PART NO.	REV	N/P	TYPE	MAT'L SIZE	MAT'L SPEC

I	I
I	I
I	I
I	I
I	I
I	I
CONTACT AREA PLATING TYPE (SEE NOTE 8)	CRIMP AREA PLATING (SEE NOTE 8)



- 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 0.61 ± 0.03 MM OR 0.644 ± 0.03 MM
RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 1.2 MM
AND NO LESS THAN 0.9 MM
 3. CRIMP DIMENSION FROM THE BACK OF THE CORE WIRE (INCLUDES THE
FLARE OUT FROM THE CORE WIRE) TO THE END OF THE INSULATION WINGS.
2.05 MM MAX WIDTH, 2.10 MM MAX HEIGHT FOR CABLE SIZE UP TO 1.9 MM O.D.
 4. * DENOTES DIMENSIONS MADE AT CUT-OFF OR CRIMP DIE.
PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE
AGAINST THE BOX BODY - OURS.
 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.
MAXIMUM CURRENT CAPACITY AS DEFINED BY USYCAR-2 R6 SECTION 5.3.3
IS 16.85 AMPS WITH 1.5 mm² COPPER CABLE.
 6. PLATING TYPE:
 - I. SLIPPERY TIN $0.7 - 1.2$ µm THICK OVER NICKEL UNDERPLATE
 $0.1 - 0.8$ µm THICK.
 - II. SILVER $1.0 - 2.0$ MICROMETERS THICK OVER NICKEL
UNDERPLATE $0.13 - 0.51$ MICROMETERS THICK.
 - III. WATTE 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
9. REFERENCE MATING COMPONENTS OR EQUIVALENTS:
TERMINAL 35091062
 10. PARTS MET THE PERFORMANCE REQUIREMENTS OF GWM3191 JUNE/2012 AND
SAE/ASCAR-2 R6 REVISION FOR THE FOLLOWING CLASSIFICATIONS:
TEMPERATURE CLASS 3 -40°C TO 125°C
VIBRATION CLASS 1 (ON BODY OR CHASSIS) FOR CABLE 1.D, 15A, 17 AND 25
VIBRATION CLASS 2 (ON ENGINE) FOR CABLE 1.D, 18, 21 & 22
SEALING CLASS 1 (SEALED) FOR CABLE 1.D, 15A, 17 & 25
SEALING CLASS 2 OR 3 (SEALED CONNECTOR, DEPENDANT)
FOR CABLE 1.D, 18, 21 & 22
 11. FOR TERMINALS PACKAGED AND STORED IN THE APPROVED MANNER;
TARNISH ON SILVER PLATED SURFACES WILL NOT AFFECT THE
PERFORMANCE OF THE PART.

4		PROCESS SENSITIVE DIMENSIONS	
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°			

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 APPLICANT TO ASSURE AVAILABILITY OF PARTS.	
DATE: _____ PART DRAWING: _____	
STYLE: _____	
POLYLINE (COPY)	DISTR CODE: 
UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH ANSI Y14.2M-1994 FOR THE DESIGN OF THE DRILLING, TAPPING, AND TOLERANCING AND GEOMETRIC DIMENSIONS AND TOLERANCES.	
ALL DIMENSIONS ARE IN MILLIMETERS	
THIRD ANGLE PROJECTION	DO NOT SCALE USE MATH DATA
  	

[illegible]

DWG STATUS				REVISION HISTORY		THD	APPROVAL
DWG NO.	DATE	BY	CHKD	ZONE	DESCRIPTION	DATE	NAME
21521	01	-	-	-	ALL PARTS - RELEASED PART DRAWING	555233	JH, D, APAC
146022	02	-	-	-	ALL PARTS - UPDATED INFO IN DWG #4	556557	OR, S, GLE
296622	03	-	-	-	ALL PARTS - UPDATED POW ATTRIBUTES	557619	D, J, GLE
124622	04	-	-	-	35602298 - UPDATED PART AVAILABILITY	557164	EZ, J, GLE
196022	05	-	-	-	35602294 - 95 - UPDATED PART AVAILABILITY (P/N'S WERE NOT AVAILABLE)	557486	JAH, JAH, H
316022	06	-	-	-	35602297 - UPDATED PART AVAILABILITY	557486	JAH, JAH, H
074622	07	-	-	-	35602298 - UPDATED PART AVAILABILITY (P/N'S NOT AVAILABLE)	557476	ESG, JAH, H
756222	08	-	-	-	35602297 - UPDATED PART ATTRIBUTES	558308	AN, RAK, GLE
040022	09	-	-	-	35602293 - UPDATED PART AVAILABILITY (P/N'S WAS NOT AVAILABLE)	558694	MLR, S, GLE

SYMBOL DEFINITION	
	A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS				REVISION HISTORY		THD	APPROVAL
DWG NO.	DATE	BY	CHKD	ZONE	DESCRIPTION	DATE	NAME
21521	01	-	-	-	ALL PARTS - RELEASED PART DRAWING	555233	JH, D, APAC
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316022	06	-	-	-	35602297 - UPDATED PART AVAILABILITY	557486	JAH, JAH, H
074622	07	-	-	-	35602298 - UPDATED PART AVAILABILITY (P/N'S NOT AVAILABLE)	557673	ESG, JAH, H
756222	08	-	-	-	35602293 - UPDATED PART ATTRIBUTES	558308	AN, RAK, GLE
040022	09	-	-	-	35602293 - UPDATED PART AVAILABILITY (P/N'S NOT AVAILABLE)	558694	MLR, S, GLE

Mouser Electronics

Authorized Distributor

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