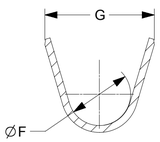
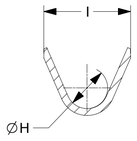
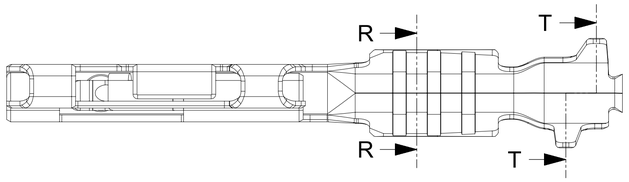


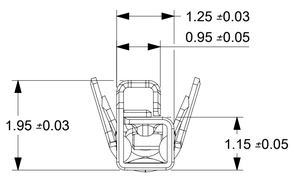
SECTION T-T
VIEW IS ROTATED 90°



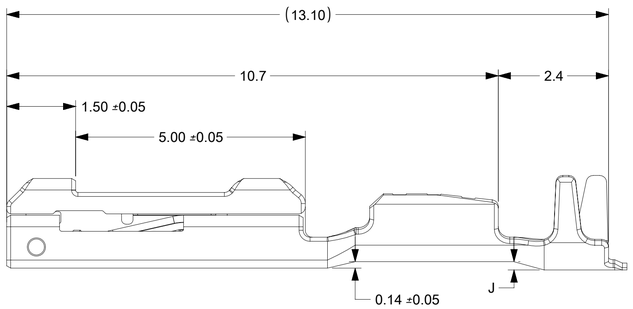
SECTION R-R
VIEW IS ROTATED 90°



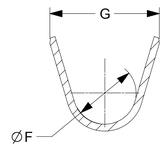
CONTACT GEOMETERY 6



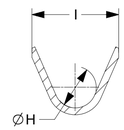
CONTACT GEOMETERY 6



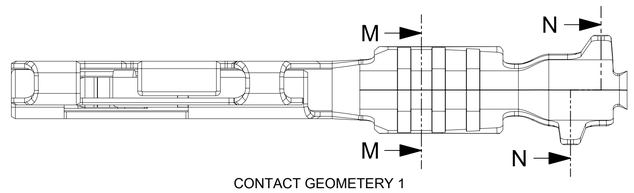
CONTACT GEOMETERY 6



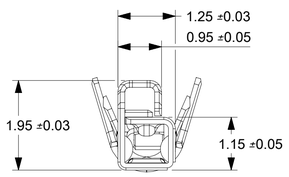
SECTION N-N
VIEW IS ROTATED 90°



SECTION M-M
VIEW IS ROTATED 90°



CONTACT GEOMETERY 1



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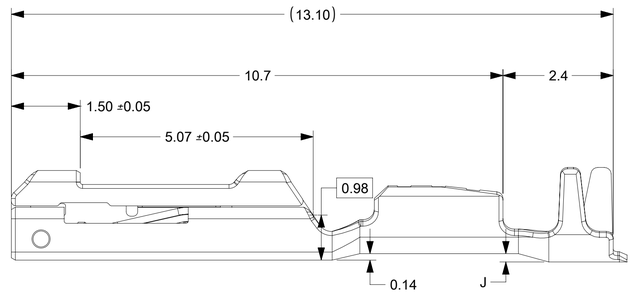
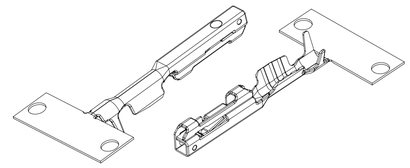


CONTACT GEOMETERY 1



ISO VIEW
SCALE 5:1

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL: COPPER ALLOY

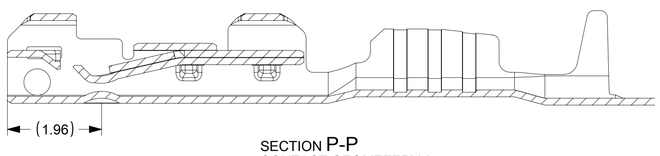
2. PLATING: SEE TABLE 1
   2.1 ANTI-TARNISH TREATMENT FOR SILVER PLATED AREA:
   SYNTHETIC HYDROCARBON CONTACT SURFACE FINISH
   OR EQUIVALENT

3. PACKAGING SPEC: 313025040

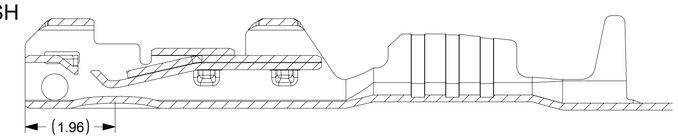
4. CRIMPING SPEC: AS-34905-001

5. PROBING THE CONTACT INTERFACE OF THE
TERMINAL OR AT ANY POINT ON THE
TERMINAL BEAM IS NOT PERMITTED

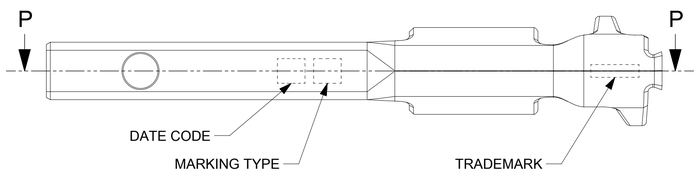
6. FOR SILVER PLATING: ELECTRICAL PERFORMANCE
IS NOT AFFECTED BY TARNISH ON SILVER PLATING
SURFACE. ACCEPTABLE SILVER SURFACES CAN
INCLUDE TARNISH OF ANY OF THE OBSERVED COLORS.
OBSERVED TARNISH COLORS ARE
YELLOW, BROWN, GRAY, BLUE, OR BLACK.



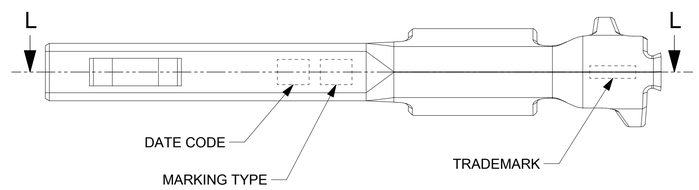
SECTION P-P
CONTACT GEOMETERY 6



SECTION L-L
CONTACT GEOMETERY 1



CONTACT GEOMETERY 6



CONTACT GEOMETERY 1

TABLE 2

PART NUMBER		Status	Top Layer Plating Type	Contact geometry	Marking Type	Grip Code	Wire Insulation OD - mm	Wire Size - mm²	Dimensions - mm				
D Wind Part Number	B Wind Part Number								Dim F	Dim G ± 0.20	Dim H	Dim I	Dim J ± 0.05
34905-6447	34905-6449	SALEABLE	Ag	6	L1H	L1	1.20-1.40	0.35	1.36	2.35	0.90	1.88 ± 0.20	0.18
34905-2447	34905-2449	SALEABLE	Sn	1	L1								
34905-6448	34905-6450	IN VALIDATION	Ag	6	S2H	S2	0.95-1.05	0.13	0.82	1.90	0.68	1.30 ± 0.15	0.00
34905-2448	34905-2450	IN VALIDATION	Sn	1	S2								

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/09 00:23:59

SYMBOLS: A = 0, E = 0, F = 0, S = 0, ▼ = 0, C = 0, ☒ = 0, ■ = 0, V = 0

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DIMENSION UNITS	SCALE
mm	15:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.1
1 PLACE	±	0.2
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 644781
DRWN: SMAHADIK 2020/09/05
CHK'D: TOMSMITH 2020/09/08
APPR: JCUATACERVAN 2020/09/09

INITIAL REVISION:
DRWN: SJAZRAWI 2016/07/13
APPR: YLEPOTTIER 2016/08/01

THIRD ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 34905

molex

CTX50 SEALED RCPT TERM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
349050400	PSD	000	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 1

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34905-2448