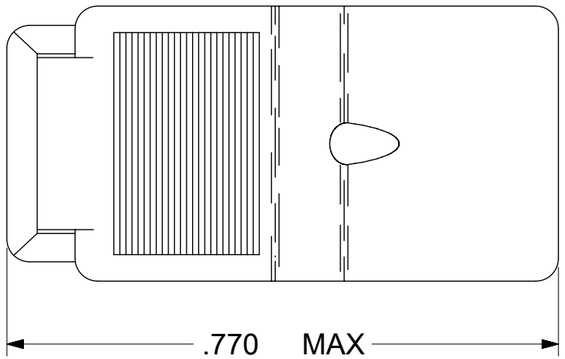
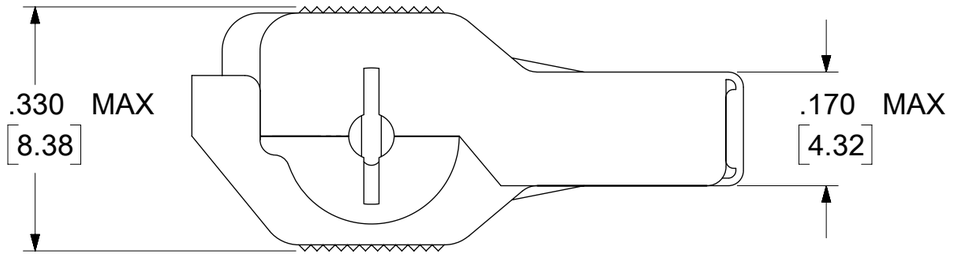
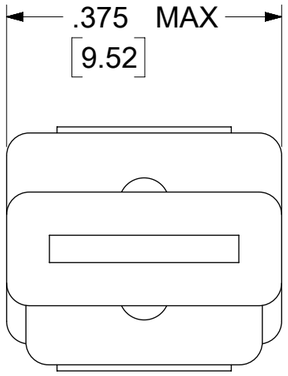
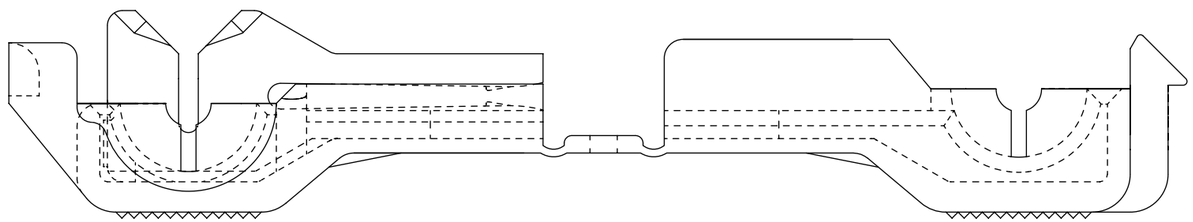
MAT'L NO	ENG NO	WIRE GAGE	COLOR
192160011	WT-2218	22-18	RED
192160010	WT-1814	18-14	BLUE
192160009	WT-12	12	YELLOW



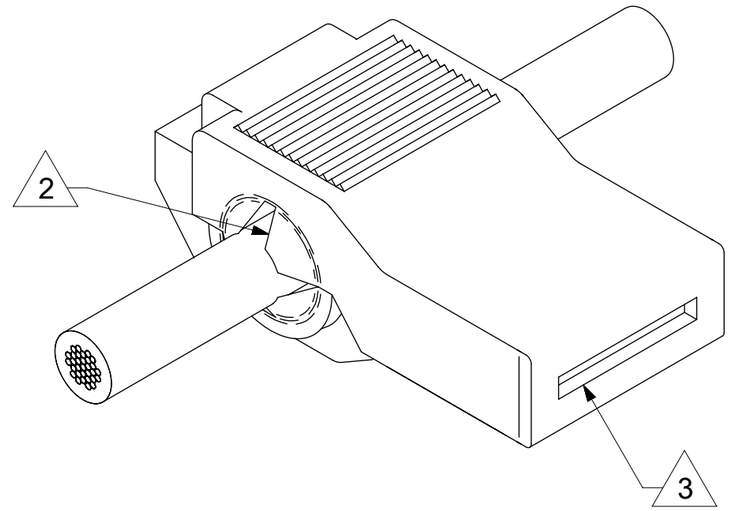




CLOSED POSITION AFTER ASSEMBLY ON WIRE



OPEN POSITION



NOTES:
1. MATERIAL
   HOUSING: V-2 NYLON, SEE CHART FOR COLOR.
   TERMINAL: TIN PLATED COPPER.
2. NUMBER OF SUPPORT RIBS DEPENDENT ON WIRE GAGE.
3. MATES WITH .250 X .032 MALE TAB.
4. MUST BE RoHS COMPLIANT.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
EA = 0
EC = 0
ED = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: 5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REINSTATE DRAWING

EC NO: 825457
DRWN: DEANNM1 2025/06/13
CHK'D: ETHRODAHL 2025/06/16
APPR: ETHRODAHL 2025/06/16

INITIAL REVISION:
DRWN:
APPR:

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 19216

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WIRE TAP ASSEMBLY
22-18, 18-14, 12 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-19216-001	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/16 16:47:39

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

ENGINEERING SPECIFICATION

INSTALLATION INSTRUCTION SHEETS

1.0 SCOPE
This specification consists of installation instructions for wire taps.

2.0 PURPOSE
To clarify installation instructions for end users of wire taps.

3.0 REFERENCE MATERIAL NUMBERS
See page 2 for the actual instruction sheets. This page can be used as originals when cut into fourths.

4.0 DEFINITIONS
Not applicable.

5.0 PROCEDURES
Place one (1) instruction sheet (1/4 of next sheet) in the smallest unit container.

6.0 IMPLEMENTATION
August 10, 2010

REVISION:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
B	EC No: **715017** DATE: **2022 / 07 / 20**	WIRE TAP INSTALLATION INSTRUCTIONS 22 THROUGH 12 AWG WIRE	**1** of **2**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD-19216-008	**ETHRODAHL/ DMYRICK**	**JMACNEIL**	**JMACNEIL**

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Assembly Instructions for Wire Tap Splices

Engineering P/N	Wire Range
WT-2218	22-18 AWG
WT-1814	18-14 AWG
WT-12	12 AWG

NOTICE

OPTIMAL STORAGE CONDITION
Store in climate controlled environment
23-25°C (73-77°F)
50% minimum relative humidity

For use with only stranded copper wire and copper alloy tabs
600V, 105°C

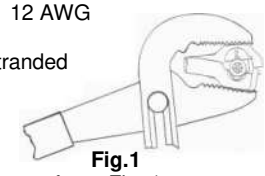
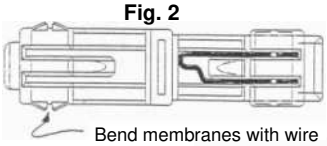


Fig.1

For 22-16 AWG wires, refer to Fig. 1
1. Insert the correct size wire properly into the connector.
2. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages.

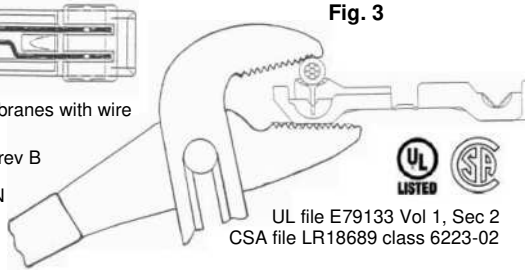
For 14-12 AWG wires, refer to Fig. 2, 3, and 1.
1. Bend the wire support membranes outward with wire (Fig.2)
2. Place the correct size wire into the nest of the metal and gently squeeze the wire into position with tongue-and-groove pliers without distorting (flattening) the wire insulation (Fig.3).
3. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages (Fig.1).

Fig. 2



Bend membranes with wire

Fig. 3



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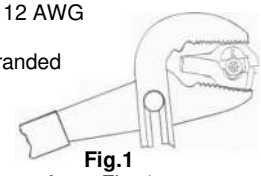

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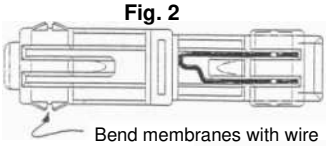

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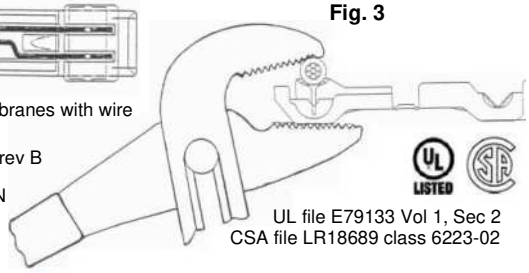
Fig. 3



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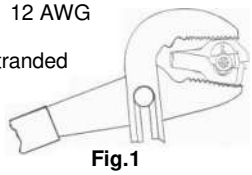

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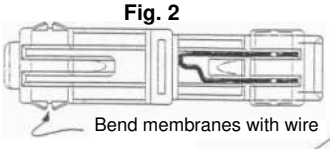

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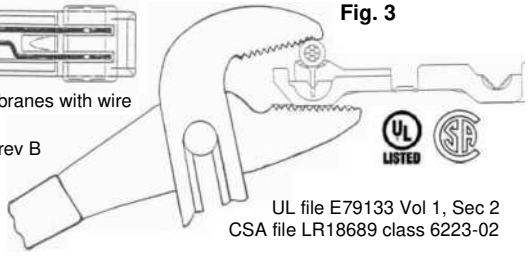
Fig. 3



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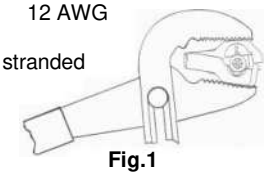

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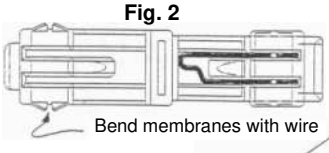

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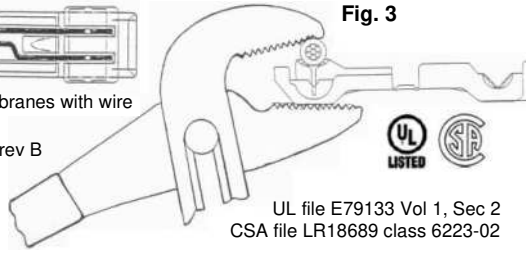

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