MATERIAL NO.	ALTERNATE NO.	WIRE RANGE AWG(mm2)	HOUSING COLOR
192160011	WT-2218	22-18(.34-.75)	RED
192160010	WT-1814	18-14(.75-2.5)	BLUE
192160009	WT-12	12(4.0)	YELLOW
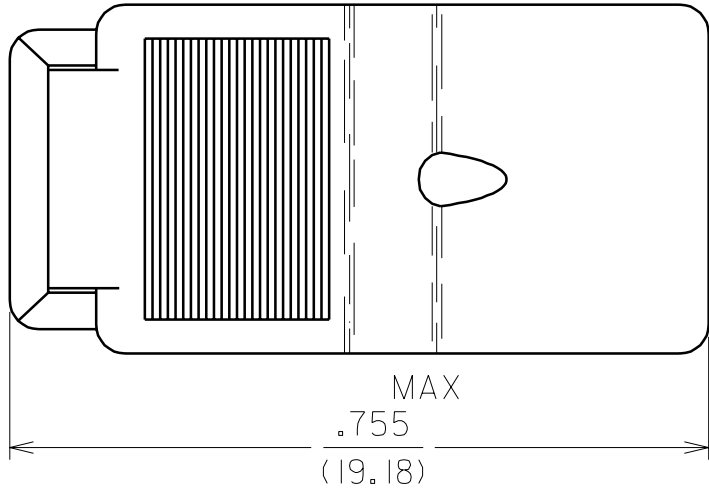
ASSEMBLED ON WIRE

INSULATION HOUSING SUPPORT RIBS

MAX
.755
(19.18)

MAX
.370
(9.40)

MAX
.330
(8.38)

MAX
.170
(4.32)

CLOSED POSITION AFTER ASSEMBLY ON WIRE
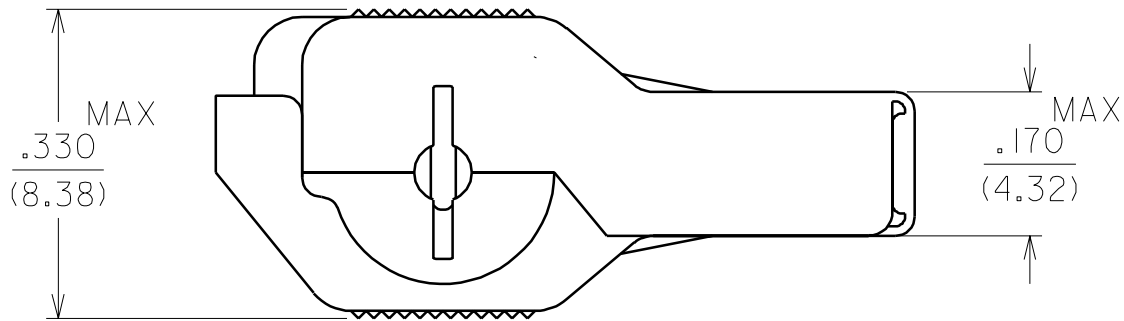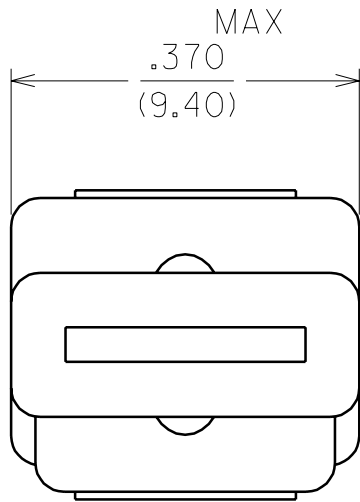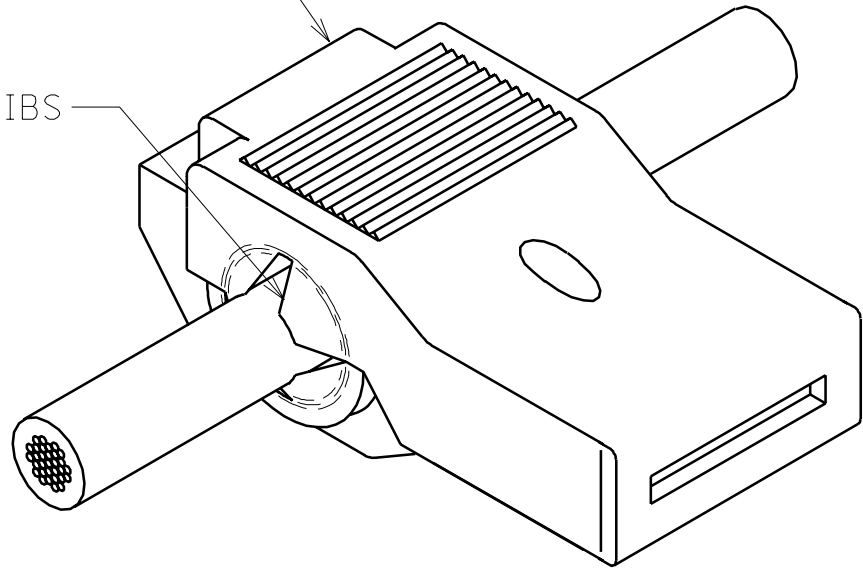
NOTES:
1. MATERIALS
    HOUSING: UNFILLED NYLON UL FLAMMABILITY
                RATING 94V-2
                COLOR: SEE TABLE
    TERMINAL: COPPER ALLOY

2. FINISH
    TERMINAL: TIN

INSULATION HOUSING DISPLACEMENT BARBS

SPRING RETENTION SLOT FOR MALE TAB

HOUSING
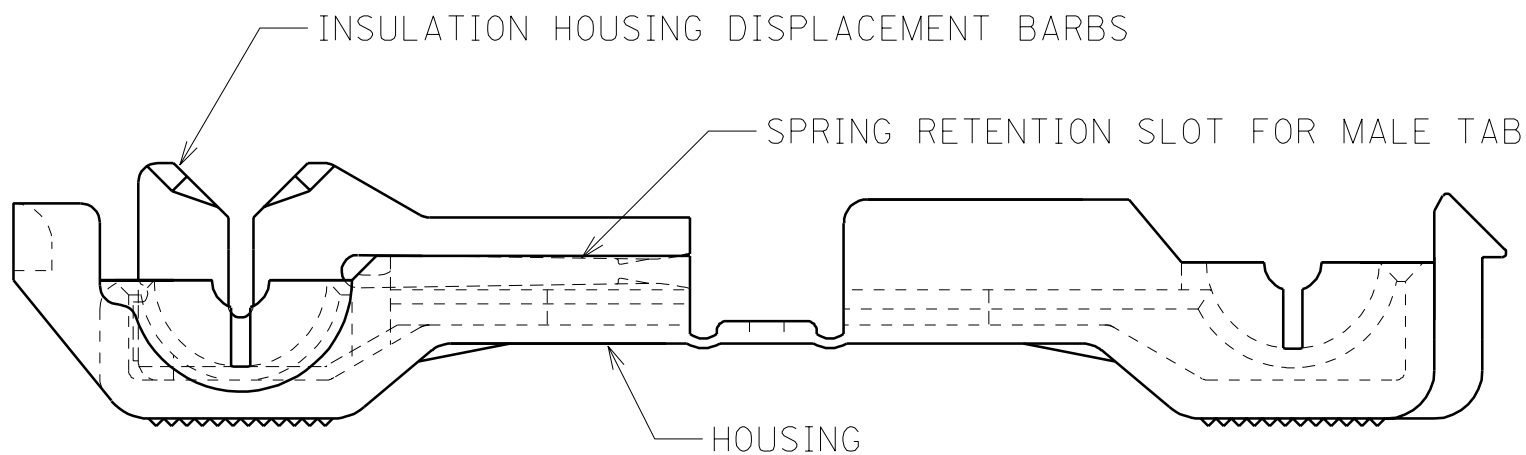
OPEN POSITION PRIOR TO ASSEMBLY ON WIRE

CUSTOMER DRAWING

REVISE ONLY ON CAD SYSTEM

LTR.	REVISIONS
B	VOIDS DWG. WT-CD ETC2000-0001 HEB 99/7/2
A	SEE ECN* 1137 09/08/94 RCM

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .005	± ---
2 PLACE	± .01	± 0.13
1 PLACE	± ---	± 0.25

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

TITLE
WIRE TAP
MULTIMATE

molex ETC INC.
PINELLAS PARK, FLA. 33781 U.S.A.

SHEET NO. 1 OF 1
DATE 09/07/94

PART NO. SEE TABLE

DRWG. NO. SD-19216-001

DRWG. BY RCM
CHK'D. BY JM
APP'D. BY FP
SCALE 5:1
FILE NAME 19216001 SD
DIV. ETC
SIZE B

ENGINEERING SPECIFICATION

molex®

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.
A	EC No: **WNA2011-0136** DATE: **2010 / 08 / 10**	WIRE TAP INSTALLATION INSTRUCTIONS 22 THROUGH 12 AWG WIRE			**1** of **2**
DOCUMENT NUMBER: **SD-19216-008**		CREATED / REVISED BY: **ETHRODAHL**	CHECKED BY: **JMACNEIL**	APPROVED BY: **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

For use with only stranded
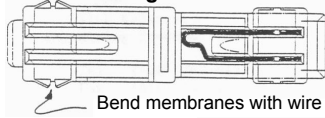copper wire and
copper alloy tabs
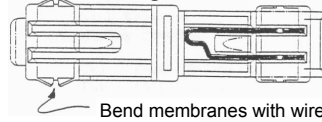600V, 105°C
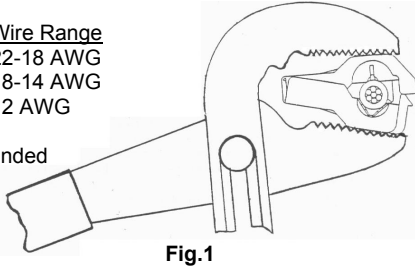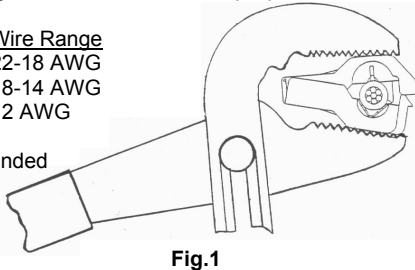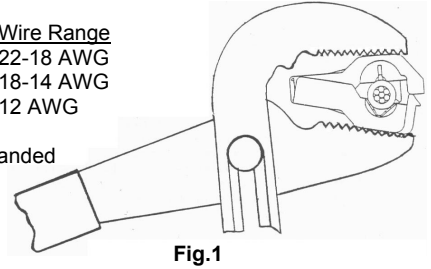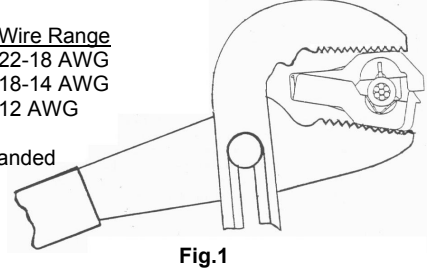
Fig.1

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.

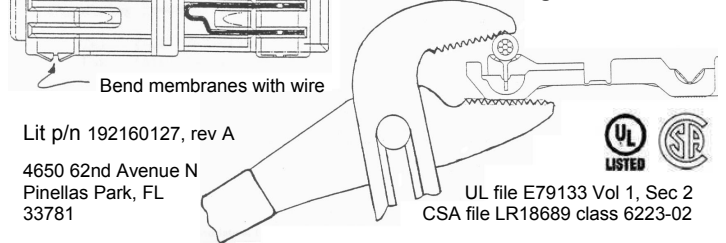For 14-12 AWG wires, refer to Fig. 2, 3, and 1.
1. Bend the wire support membranes outward with wire (Fig.2)
2. Place the correct size wire into the nest of the metal and gently
   squeeze the wire into position with tongue-and-groove pliers without
   distorting (flattening) the wire insulation (Fig.3).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

Fig. 2

Fig. 3

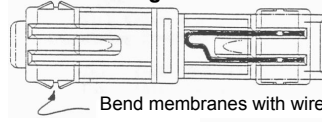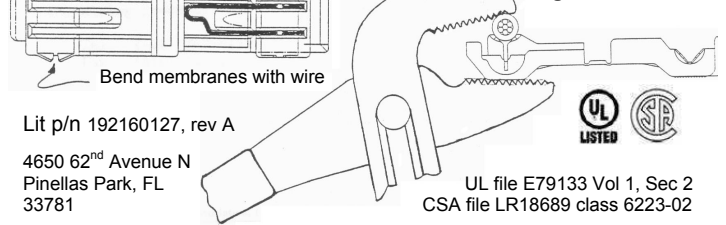Bend membranes with wire

Lit p/n 192160127, rev A

4650 62nd Avenue N
Pinellas Park, FL
33781

UL file E79133 Vol 1, Sec 2
CSA file LR18689 class 6223-02