

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0005060301

Status:

Active

Overview:

flat_blade

Description:

Flat Blade Crimp Terminal, Series 2176, Female, With Tin (Sn) Plated Brass Contact, With Detent, 14-22 AWG (or 18 AWG Double Crimp), Reel Packaged

Documents:

Drawing (PDF)

Product Specification PSX-05-06-1 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	2176
Comments	(2) 18 AWG
Crimp Quality Equipment	Yes
Overview	flat_blade
Product Name	Flat Blade

Physical

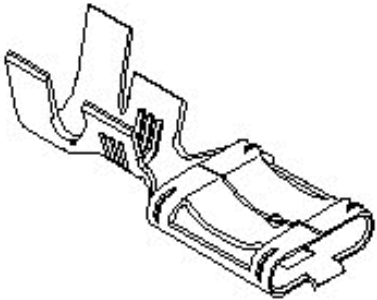
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	20
Plating min: Mating (µm)	0.50
Plating min: Termination (µin)	20
Plating min: Termination (µm)	0.50
Wire Insulation Diameter	.79mm (.031") max.
Wire Size AWG	14, 16, 18, 20, 22
Wire Size mm²	N/A

Material Info

Old Part Number	2176-T
-----------------	--------

Reference - Drawing Numbers

Product Specification	PSX-05-06-1
Sales Drawing	SD-2176-*



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

2176Series

Mates With

4.75mm (.187") Male Tab

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Mini-Mac™ Applicator	0638822000
Hand Crimper	0011010101
Terminator Die	0011402015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

J

I

H

G

F

E

D

C

B

A

J

I

H

G

F

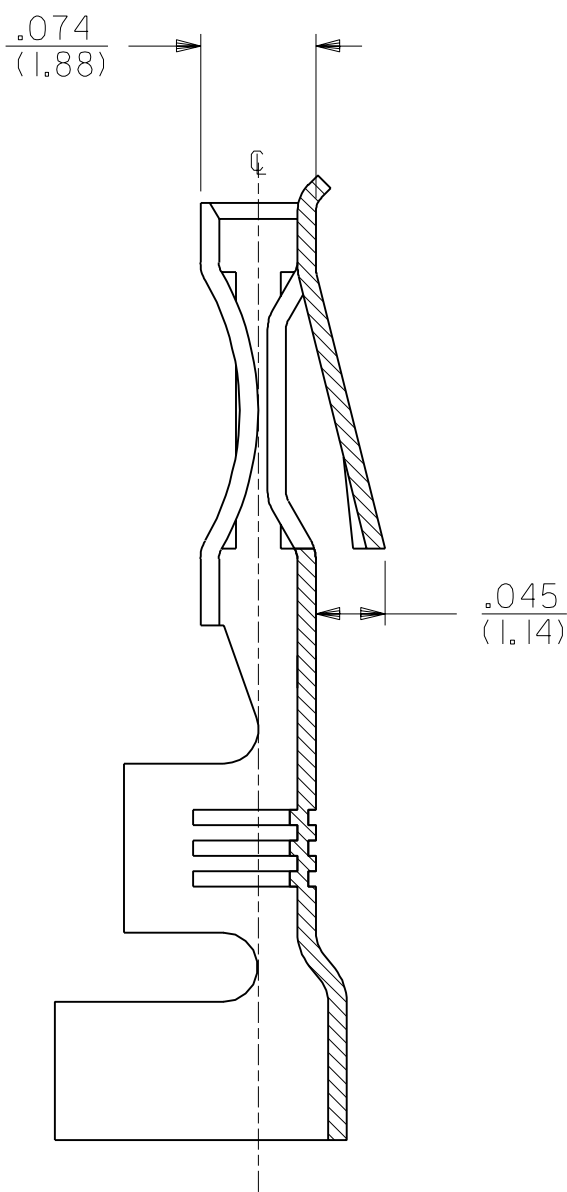
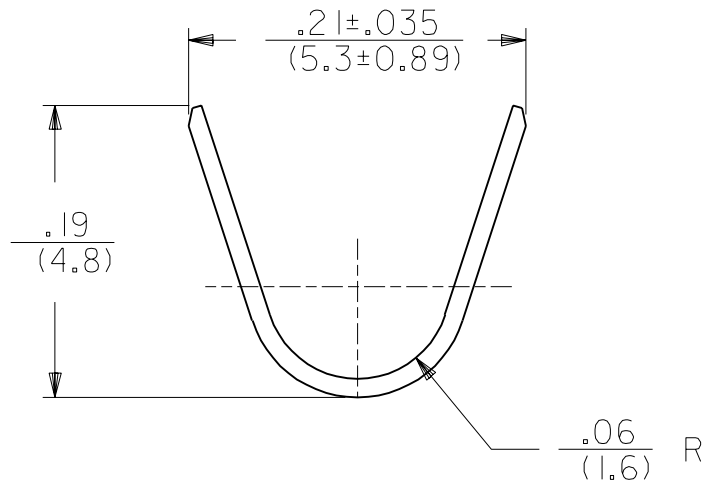
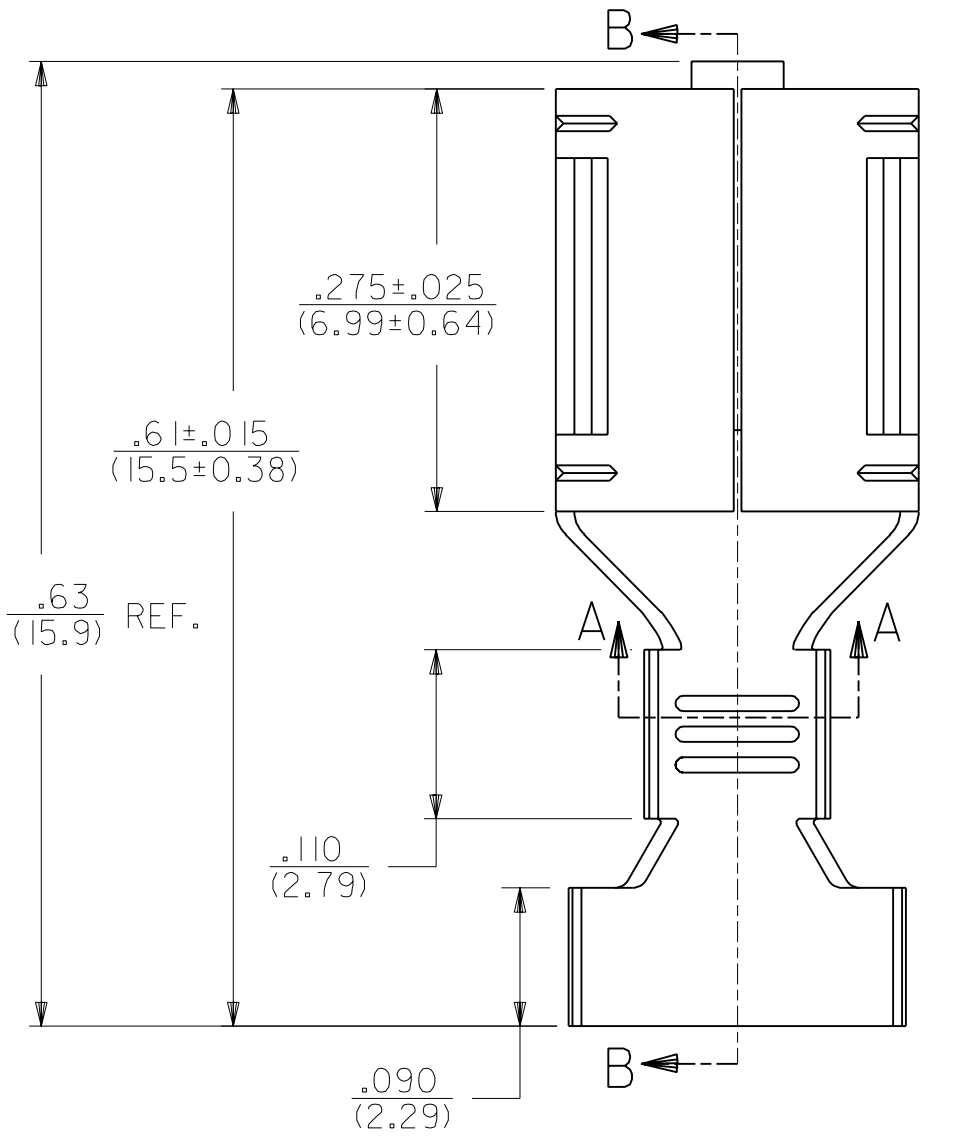
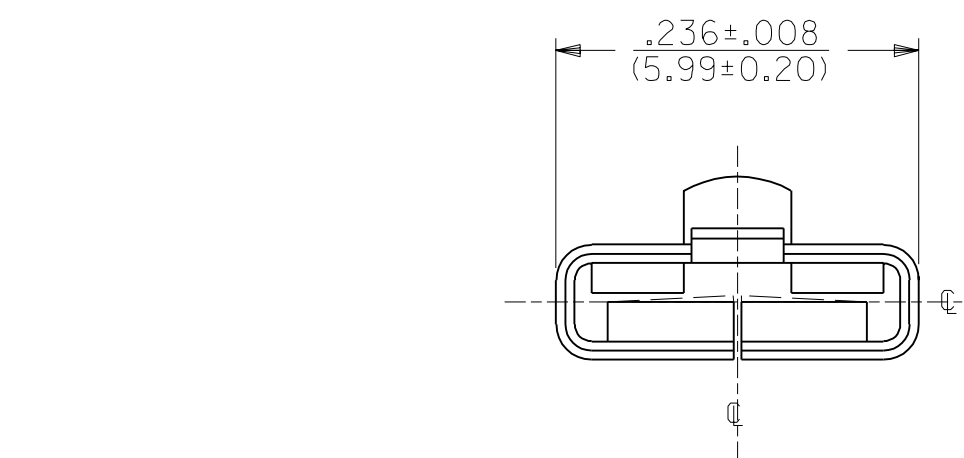
E

D

C

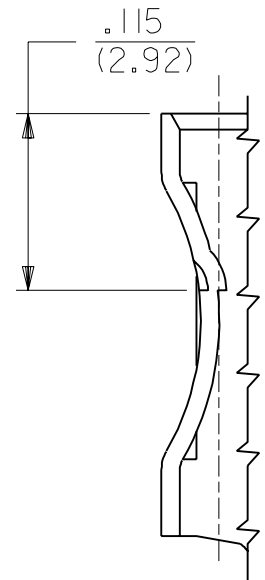
B

A



SECTION B-B

SCALE 8:1



DETENT LOCATION

SCALE 8:1

NOTES:

1. CRIMP FOR #14 THRU #22 GA. WIRE. ALSO (2) #18 GA. WIRE WITH .03(0.79) THK. INSULATION.
2. MATERIAL: .010/(0.25) THK. 70/30 BRASS ALLOY. PRE-TIN PLATED.
3. PRODUCT SPECIFICATION 05-06-1 APPLIES.

DIMENSIONS SHOWN (METRIC) INCH		
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		
	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .014	± 0.25
1 PLACE	---	± 0.35
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
DRWG. BY	MAB	CHK'D. BY KBP
APP'D. BY	RAS	SCALE 8:1

▽ = 0	▼ = 0	REVISE ONLY ON CAD SYSTEM	
TITLE		TERMINAL FOR .020/(0.51) X .187/(4.75) SPADE	
MOLEX INCORPORATED		SHEET NO. 1 OF 1	DATE 92/10/26
PART NO.		SD-2176-*	
SEE CHART		DIV. CP	
FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SD2176X1 DGN		SIZE C	

2176

4

3

2

1

PART NO.

ENG. NO.

DESCRIPTION

05-06-0301

2176-T

TIN PLATE

05-06-0303

2176-AT

WITHOUT DETENT, TIN PLATED

NOT TOOLED

X-2176-999A

WITHOUT DETENT, UNPLATED

05-06-0302

2176-(P90)IL

WITH DETENT, PLATED, LOOSE

05-06-0304

2176-(P90)IAL

WITHOUT DETENT, PLATED, LOOSE

2176

MFG. SH. REV. LTR. REVISIONS

E REDRAWN ON CAD PER UCR2000-0804 00/07/13 ES