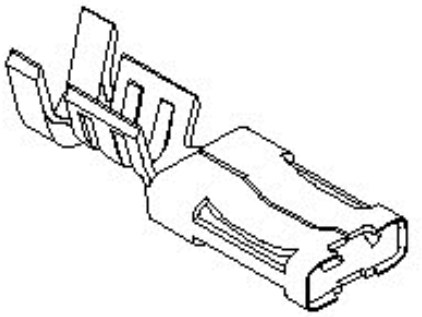
This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0040021601
Status: Active
Overview: flat_blade
Description: Flat Blade Crimp Terminal, Series 41422, Female, With Tin (Sn) Plated Brass Contact, 10-12 AWG, Reel Packaged



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	41422
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
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	.79mm (.031") max.
Wire Size AWG	10, 12
Wire Size mm²	N/A

Material Info

Old Part Number	41422-3A2N5A1

Reference - Drawing Numbers

Sales Drawing	SD-41422-3*

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

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
41422Series

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, 10-13 AWG Wire	0638821000
Mini-Mac™ Applicator, Double Crimp Applicator for 14-18 AWG Wire	0638821200
Hand Crimper	0011010180
Terminator Die	0011402192

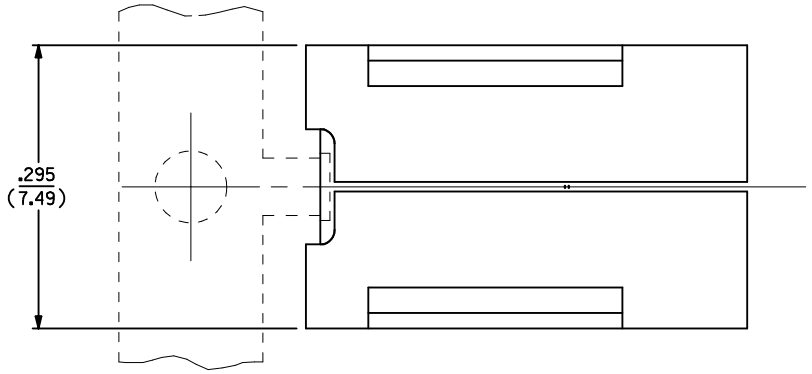
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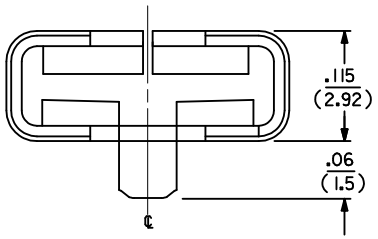
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

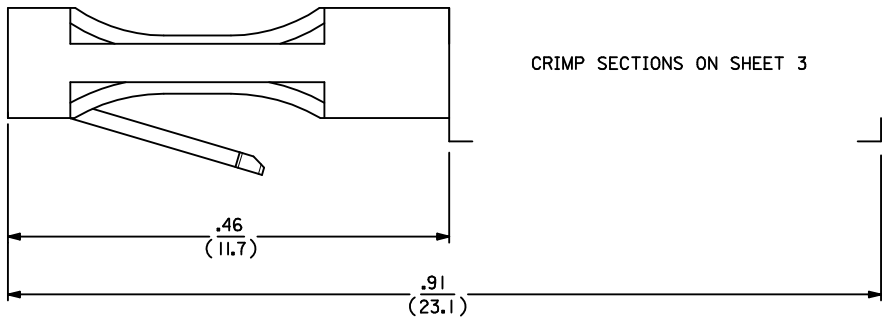
NOTES:

1 THIS TERMINAL IS FOR USE WITH .250/(6.35) X .032/(0.81) SPADES AND CRIMPING TO #10 TO #18 AWG WIRE WITH .031/(0.79) THICK INSULATION.

2 IN ANY HOUSING DESIGN USING THIS TERMINAL, ESPECIALLY WHEN LOW INSERTION FORCES ARE EXPECTED, SOME SORT OF LOCKING DEVICE SHOULD BE CONSIDERED.







CRIMP SECTIONS ON SHEET 3

MATERIAL:
SEE SHEET 2

FINISH:
SEE SHEET 2

3	K1
2	H2
1	K2

UPDATED LTAB 2010/02/12
EC NO: UCP2010-1707 2010/02/22
DRWN:AELHAG CHKD:AELHAG APPR:FSMITH 2010/02/22
DESCRIPTION
K2
REV

QUALITY SYMBOLS
F1 =0
F2 =0
P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.01	± ---
2 PLACES	± 0.014	± .25
1 PLACE	± ---	± .35
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 10:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	RWK	DATE 01/26/89
CHECKED BY	RHR	DATE 01/26/89
APPROVED BY	RAS	DATE 01/26/89

TITLE: TERMINAL PUSH-ON CRIMP

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-41422-3*
SHEET NO.: 1 OF 3

SIZE C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

PART NO.	ENG. NO.	MATERIAL	MATERIAL EDP NUMBER	FINISH		CONTACT GAP	WIRE RANGE	FORM
				PLATING	LUBRICATION			
040-02-1601	41422-3A2N5A1	A	080-02-1608	2	N	5	A	1
040-02-1602	41422-3A2N5B1	A	080-02-1608	2	N	5	B	1

MATERIALS:

A) BRASS, ALLOY #C26000, TEMPER: SPRING, .016/(0.41) THICK.

B) COPPER, ALLOY #C19500, TEMPER: SPRING, .016/(0.41) THICK.

C) BERYLLIUM COPPER, ALLOY #C17400, .016/(0.41) THICK.

FINISHES:

PLATING

2) HOT TIN DIP, SDES-88-P901.

ENGINEERING NUMBER SYSTEM

41422-3 ******

TERMINAL

MATERIAL

A) BRASS
B) COPPER
C) BERYLLIUM COPPER

FINISH

PLATING
1) NONE
2) TIN

LUBRICATION
N) NONE

FORM
1) CHAIN
2) LOOSE

CONTACT GAP
5) .024±.003/(0.61±0.08)

WIRE RANGE
A) 10-12 AWG
B) 14-18 AWG

H2	SEE SHEET 1
H1	SEE SHEET 1
G1	SEE SHEET 1
G	SEE SHEET 1
F	SEE SHEET 1
E	SEE SHEET 1
D	SEE SHEET 1
C	SEE SHEET 1

MFG.	SH.	REV.	LTR.	REVISIONS
				REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°

	INCH	METRIC
3 PLACE	±	
2 PLACE	±	±
1 PLACE		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY RWK | CHK'D. BY RHR
APP'D. BY RAS | SCALE :

TITLE: TERMINAL, PUSH-ON, CRIMP

MOLEX INCORPORATED
LISLE, ILL. 60532 U.S.A.

SHEET NO. 2 | DATE 01/25/89

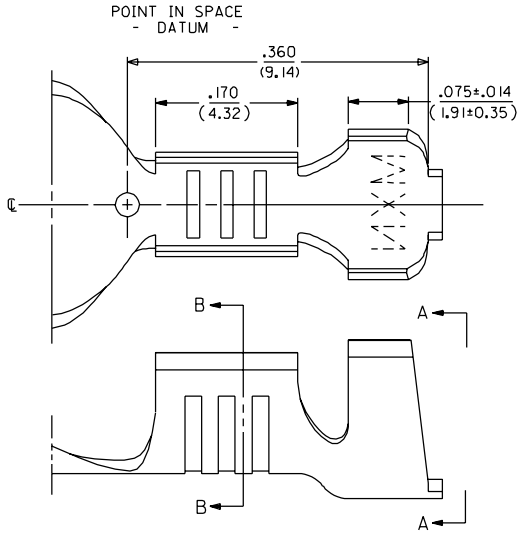
PART NO. SEE CHART | DRWG. NO. SD-41422-3•

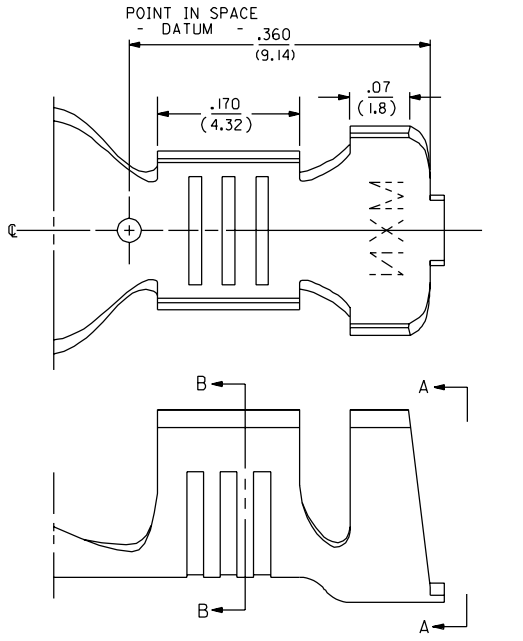
FILE NAME T41422 S06

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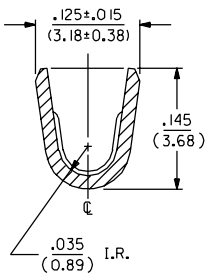
DIV. CP | SIZE C

41422

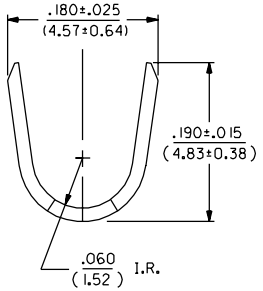




14-18 AWG WIRE

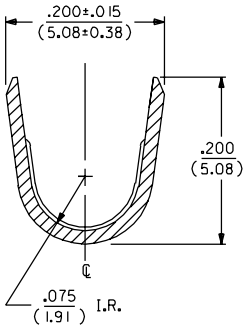


SECTION B-B

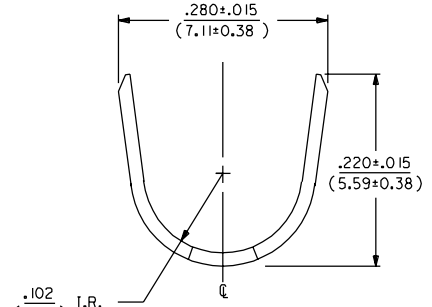


VIEW A

10-12 AWG WIRE



SECTION B-B



VIEW A

K1	SEE SHEET 1
K	SEE SHEET 1
I	SEE SHEET 1
H1	SEE SHEET 1
D	SEE SHEET 1
C	SEE SHEET 1

MFG.	SH.	REV.	LTR.	REVISIONS

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

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: TERMINAL, PUSH-ON, CRIMP

molex MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.

SHEET NO. 3 DATE 01/30/89

PART NO. SEE CHART DRWG. NO. SD-41422-3*

FILE NAME

DRWG. BY RWK CHK'D. BY RHR APP'D. BY SCALE :

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DIV. SIZE C