

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0040021602

Status:

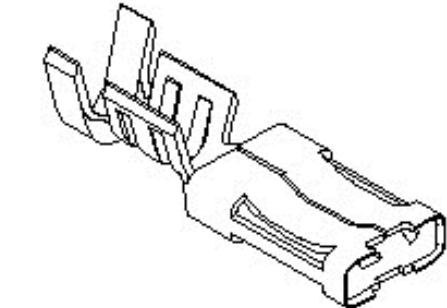
Active

Overview:

flat_blade

Description:

Flat Blade Crimp Terminal, Series 41422, Female, With Tin (Sn) Plated Brass Contact, 14-18 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	Male
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	14, 16, 18
Wire Size mm²	N/A

Material Info	
Old Part Number	41422-3A2N5B1

Reference - Drawing Numbers	
Sales Drawing	SD-41422-3*

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

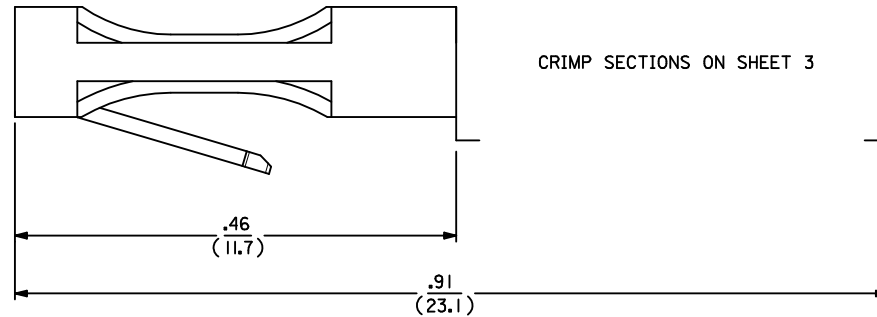
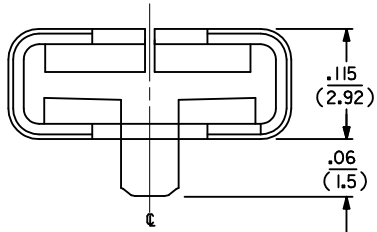
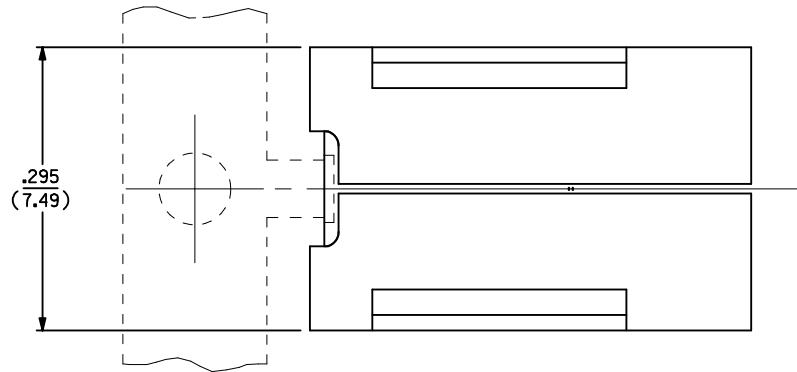
41422Series

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™	0638821100
Applicator	
Terminator Die	0011402193

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NOTES:

- 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.
- 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 L TAB EC NO: UCP2010-1707 2010/02/12 DRWN: AELHAG 2010/02/22 CHKD: AELHAG 2010/02/22 APPR: FSMITH	DESCRIPTION REV K2	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 10:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE			
			mm	INCH	DRAWN BY RKW	DATE 01/26/89	TERMINAL PUSH-ON CRIMP						
			4 PLACES ± --- ± ---	CHECKED BY RHR	DATE 01/26/89								
			3 PLACES ± 0.01 ± ---	APPROVED BY RAS	DATE 01/26/89								
			2 PLACES ± 0.014 ± .25	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-41422-3*		SHEET NO. 1 OF 3					
			1 PLACE ± --- ± .35	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
		ANGULAR ±1/2°		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

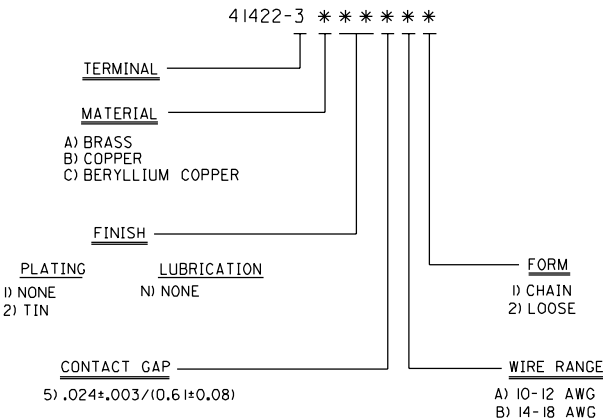
13	12	11	10	9	8	7	6	41422	4	3	2	1
PART NO.	ENG. NO.	MATERIAL	MATERIAL EDP NUMBER	FINISH		CONTACT GAP	WIRE RANGE	FORM	MATERIALS:			
				PLATING	LUBRICATION							
040-02-1601	41422-3A2N5A1	A	080-02-1608	2	N	5	A	I	A) BRASS, ALLOY #C26000, TEMPER: SPRING, .016/(0.41) THICK. B) COPPER, ALLOY #C19500, TEMPER: SPRING, .016/(0.41) THICK. C) BERYLLIUM COPPER, ALLOY #C17400, .016/(0.41) THICK.			
040-02-1602	41422-3A2N5B1	A	080-02-1608	2	N	5	B	I				

FINISHES:

PLATING

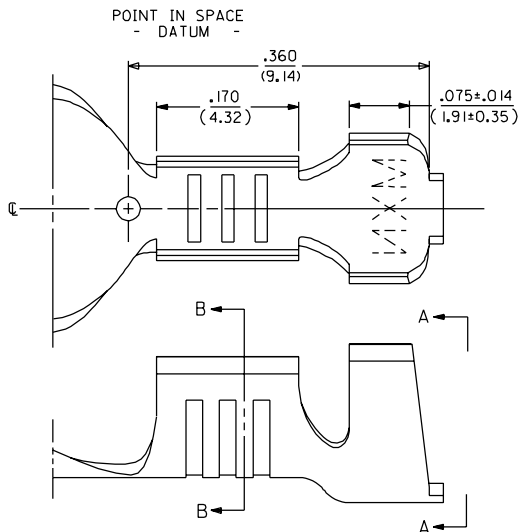
2) HOT TIN DIP, SDES-88-P901.

ENGINEERING NUMBER SYSTEM

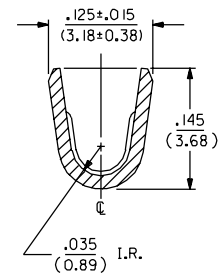


H2	SEE SHEET 1
H1	SEE SHEET 1
G1	SEE SHEET 1
G	SEE SHEET 1
F	SEE SHEET 1
E	SEE SHEET 1
D	SEE SHEET 1
C	SEE SHEET 1

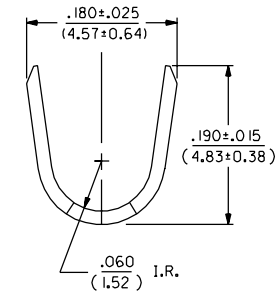
DIMENSIONS SHOWN (METRIC) INCH		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .042					
INCH		METRIC		TITLE	
3 PLACE	±			TERMINAL, PUSH-ON, CRIMP	
2 PLACE	±				
1 PLACE	±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
DRWG. BY: RWK		CHKD. BY: RHR		PART NO. SD-41422-3	
APP'D. BY: RAS		SCALE: 1		DRWG. NO. SD-41422-3	
FILE NAME: T41422.S06		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SHEET NO. 2 DATE 01/25/89	
REV. CP		SIZE C			



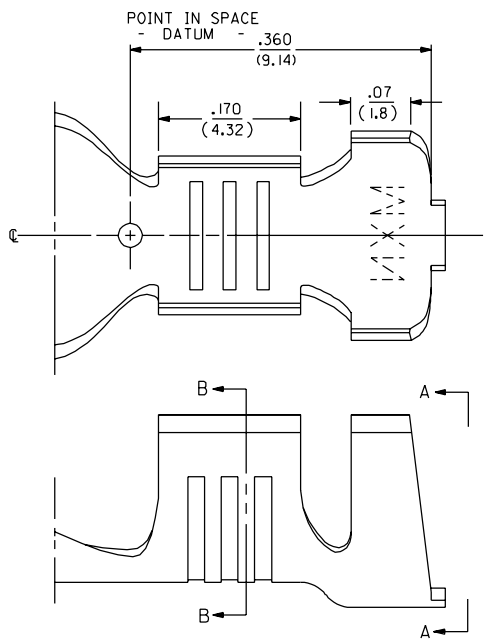
14-18 AWG WIRE



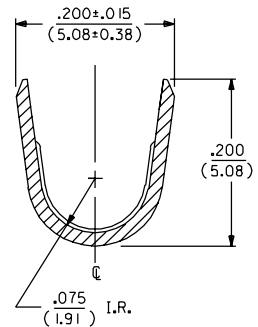
SECTION B-B



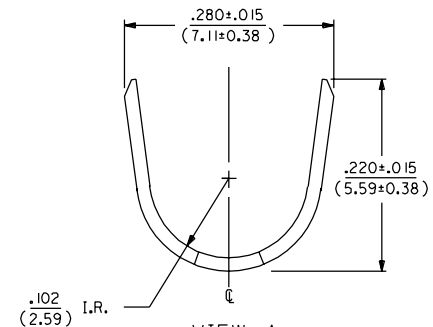
VIEW A



10-12 AWG WIRE



SECTION B-B



VIEW A

K	I SEE SHEET I
K	SEE SHEET I
I	SEE SHEET I
H	I SEE SHEET I
D	SEE SHEET I
C	SEE SHEET I

DIMENSIONS SHOWN METRIC INCH		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± .040°		TITLE		MFG. SH. REV. LTR. REVISIONS	
INCH METRIC		TERM. INCORPORATED		SHEET NO. 3 DATE 01/30/89	
3 PLACE ± .010	---	LIT. E. J. L. L.		PART NO.	
2 PLACE ± .014	± 0.25	SEE CHART		DRAW. NO. SD-41422-3	
1 PLACE ---	± 0.35	FILE NAME		REV. SIZE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		C	
DWG. BY RWK	CHKD. BY RHR	SCALE			