

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0444851212
Status: Active
Overview: minifit_jr
Description: Mini-Fit® Crimp Terminal, 18-24 AWG, Bag, Phosphor Bronze, Select Gold (Au)

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PSX-44485-0001 \(PDF\)](#)

General
Product Family Crimp Terminals
Series 44485
Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current de-rating information.

Crimp Quality Equipment Yes
Overview minifit_jr
Product Name Mini-Fit®

Physical
Gender Female
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Packaging Type Bag
Plating min: Mating (µin) 30
Plating min: Mating (µm) 0.76
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 1.30-3.10mm (.051-.122")
Wire Size AWG 18, 20, 22, 24
Wire Size mm² N/A

Electrical
Current - Maximum per Contact 13A

Material Info

Reference - Drawing Numbers
Packaging Specification PK-44485-001, PK-5556-003
Product Specification PSX-44485-0001
Sales Drawing SD-44485-****

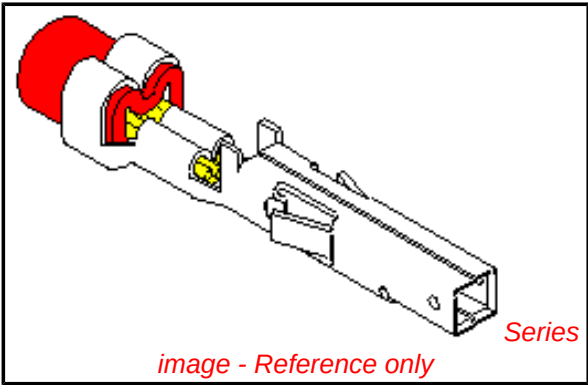


image - Reference only

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.

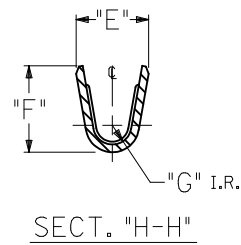
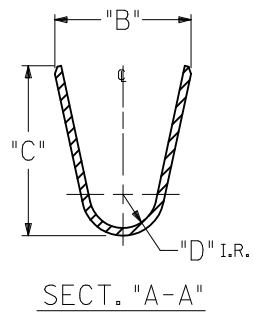
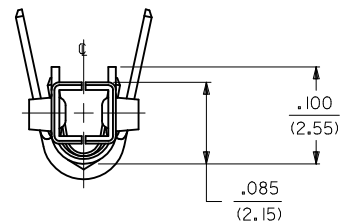
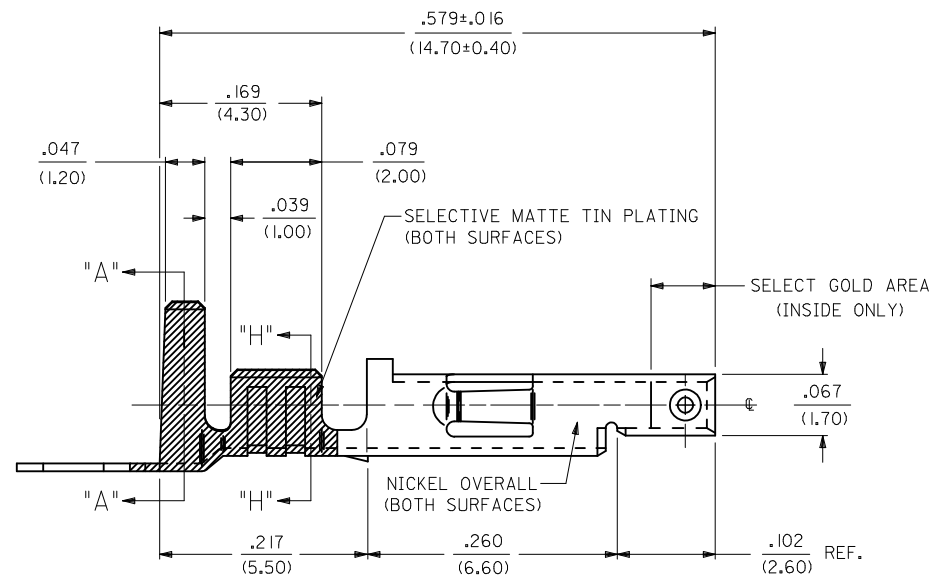
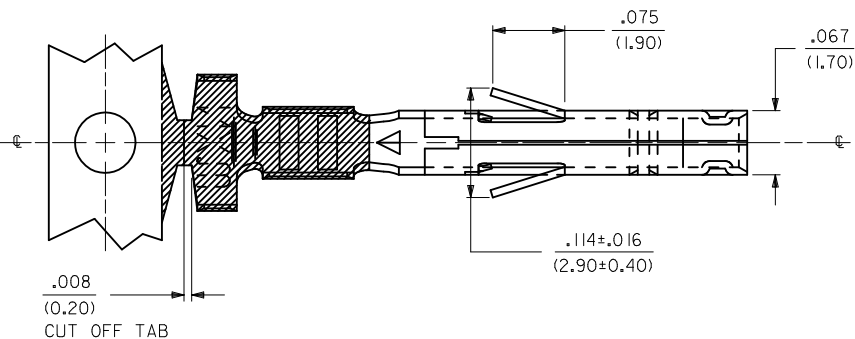
Search Parts in this Series
44485Series

Use With
5557 Jr., 44516 , 30067 TPA, 42474 BMI
Panel Mount, 5557d Jr. Dual Row

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 #
Extraction Tool	0011030044
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	0638190900

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NOTES:

1. MATERIAL:

CDA 510 PHOS. BRONZE .0080±.0004/(0.203±0.010) THICK.

2. FINISH:

*2 = SELECTIVE GOLD PLATE .000030/(0.00076) MIN., AND SELECTIVE MATTE TIN .000100/(0.00254) OVER .000050/(0.00127) MIN. NICKEL OVERALL.

*3 = SELECTIVE GOLD PLATE .000015/(0.00038) MIN., AND SELECTIVE MATTE TIN .000080/(0.00203) OVER .000050/(0.00127) MIN. NICKEL OVERALL.

*4 = SELECTIVE GOLD PLATE .000050/(0.00127) MIN., AND SELECTIVE MATTE TIN .000100/(0.00254) OVER .000050/(0.00127) MIN. NICKEL OVERALL.

*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC." CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.

3. PRODUCT SPECIFICATION: SEE PSX-44485-0001.

4. PACKAGING SPECIFICATION: PK-44485-001 FOR CHAIN TERMINALS PK-5556-003 FOR LOOSE TERMINALS

5. MATES WITH 5558, 5566 AND 5569 SERIES CONNECTORS.

6. TERMINAL FOR USE WITH 5557 SERIES HOUSINGS.

ADDED PKG NOTE: EC NO: UCP2010-0471 DRAWN: JAGUILAR 2009/12/23 CHKD: JIBELL 2009/12/23 APPR: F. SMITH 2009/12/28	REV	DESCRIPTION
	3	

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± .010
2 PLACES ± 0.25	± .014
1 PLACE ± 0.36	± ---
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
GEP	08/08/94
CHECKED BY	DATE
RJF	08/08/94
APPROVED BY	DATE
RJF	08/08/94
MATERIAL NO.	
SEE CHART	
SIZE	

SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE HIGH CYCL'G TERM FEM CRIMP, MINI-FIT JR. BLANK-PLATE-FORM		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-44485-****		SHEET NO. 1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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