

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0444763112
Status: Active
Overview: minifit_plus_hcs
Description: Mini-Fit HCS™ Crimp Terminal 44476, 16 AWG, Bag, Copper (Cu) Alloy, Tin (Sn)

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-44476-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	44476
Comments	High Current
Crimp Quality Equipment	Yes
Overview	minifit_plus_hcs
Product Name	Mini-Fit HCS™
Physical	
Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.5
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm (.071-.122")
Wire Size AWG	16
Wire Size mm²	N/A
Electrical	
Current - Maximum per Contact	11A

Material Info

Reference - Drawing Numbers	
Packaging Specification	PK-5556-003
Product Specification	PS-44476-001, RPS-44476-001
Sales Drawing	SD-44476-****

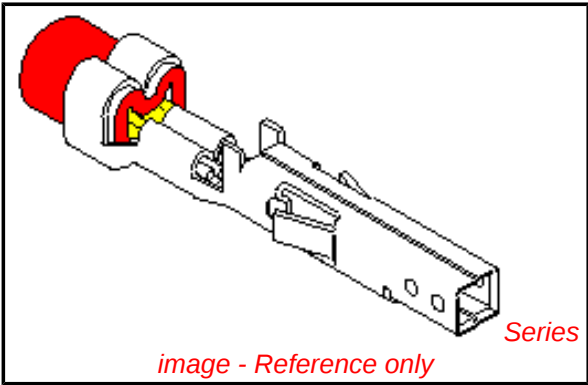


image - Reference only

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
44476Series

Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	0638190900
Extraction Tool	0011030044

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ITEM NO.	FORM	WIRE GAGE	QUANTITY PER REEL	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"
44476-1111	CHAIN	18-20 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.075±.012 (1.90±0.30)	.091±.016 (2.30±0.40)	.020 (0.50)
44476-1112	LOOSE			.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)
44476-3111	CHAIN	16 GA.	4,000	.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)
44476-3112	LOOSE			.142±.012 (3.60±0.30)	.177±.016 (4.50±0.40)	.035 (0.90)	.091±.012 (2.30±0.30)	.106±.016 (2.70±0.40)	.024 (0.60)

LEGEND:

44476 - * * | *

BASE NO.

WIRE GAGE

1 = 18-20 AWG

3 = 16 AWG

PLATING

SEE NOTE 2

CHAIN OR LOOSE

"1" = CHAIN

"2" = LOOSE

NOTES:

1. MATERIAL: COPPER ALLOY, .008/(.203) THICK.

2. FINISH:

*1 = POSTPLATE .000100/(.00254) MIN. BRIGHT TIN 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.

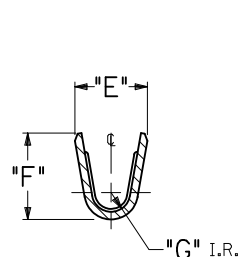
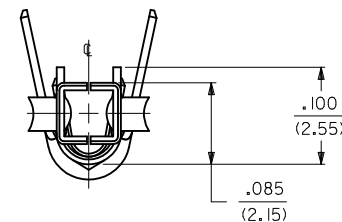
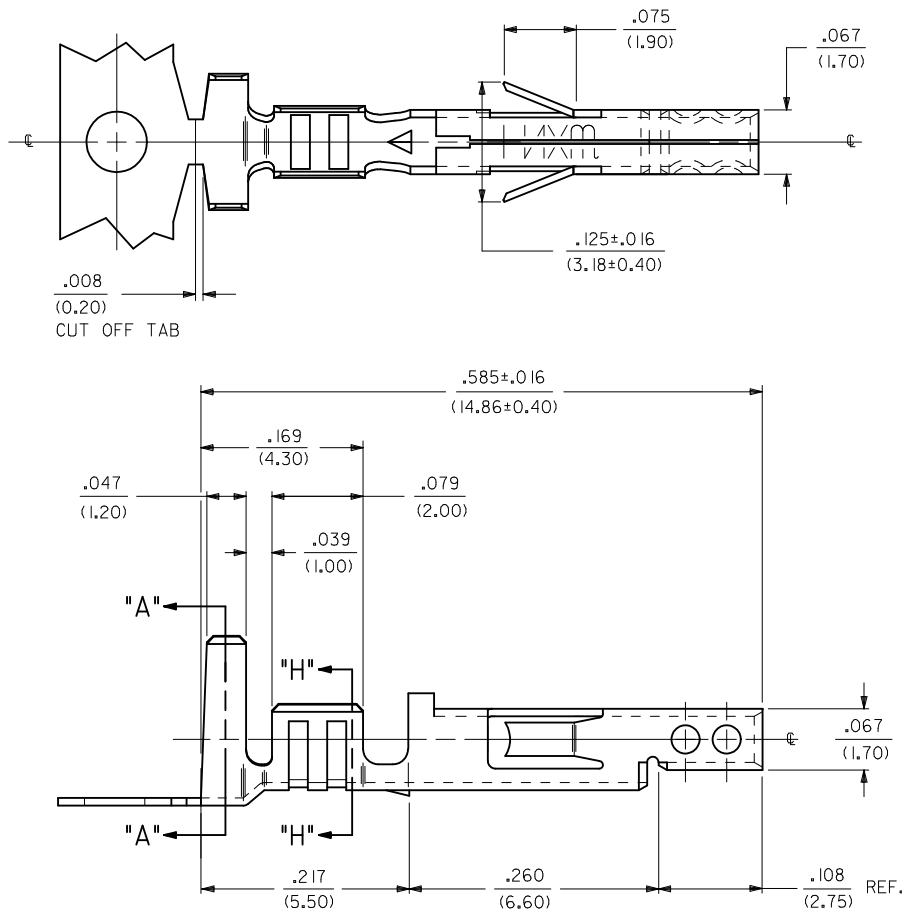
3. PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: SEE PS-44476-001.

4. PACKAGING SPECIFICATION: PK-44476-001 FOR CHAIN TERMINALS
PK-5556-003 FOR LOOSE TERMINALS

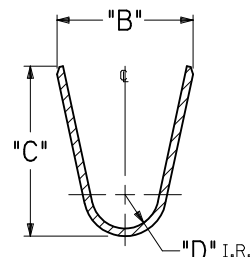
5. MATES WITH 44478 MALE TERMINAL AND 43810, 44068, 44472, 44473, 44474, 42404, 5569 AND 30070 SERIES CONNECTORS.

6. TERMINAL FOR USE WITH 5557, 30067 & 42474 SERIES HOUSINGS.

7. ITEM NUMBERS PRECEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.



SECT. "H-H"



SECT. "A-A"

CHANGED NOTE 4 EC NO: UCP2010-0471 DRAWN: JAGUILAR 2009/12/23 CHKD: JEBEL 2009/12/23 APPR: FSMITH 2009/12/28	QUALITY SYMBOLS
	▽=0
	▽=0
	REV

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± .010
2 PLACES ± 0.25	± .014
1 PLACE ± 0.38	± ---
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
GEP	1992/09/14
CHECKED BY	DATE
RJF	1992/09/14
APPROVED BY	DATE
RJF	1992/09/14
MATERIAL NO.	SEE CHART
SIZE	C

SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE TERMINAL, FEMALE, CRIMP MINI-FIT H.C.S. SERIES BLANK-PLATE-FORM		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-44476-****		SHEET NO. 1 OF 1
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