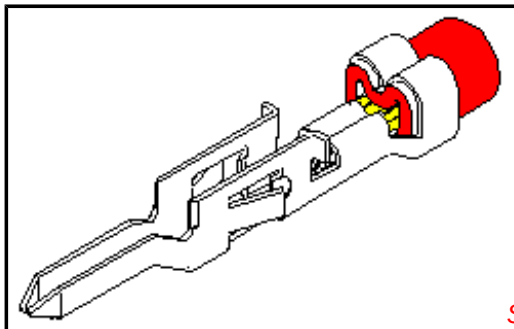
This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0039000062
Status: Active
Overview: minifit_jr
Description: 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Male, Phosphor Bronze, Tin (Sn), 18-24 AWG, Bag



Series image - Reference only

Documents:

- Test Summary (PDF)
- Drawing (PDF)
- Product Specification PS-51010-003 (PDF)
- Product Specification PS-51010-004 (PDF)
- Product Specification PS-5556-001 (PDF)
- Product Specification PS-5556-002 (PDF)
- Product Specification PS-5556-003 (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	5558
Crimp Quality Equipment	Yes
Overview	minifit_jr
Product Name	Mini-Fit®

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	36
Plating min: Mating (µm)	0.90
Plating min: Termination (µin)	36
Plating min: Termination (µm)	0.90
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	9A
Voltage - Maximum	600V

Material Info

Old Part Number	5558PBTL

Reference - Drawing Numbers

Packaging Specification	PK-5556-003, SPK-5558-001
Product Specification	PS-51010-003, PS-51010-004, PS-5556-001, PS-5556-002, PS-5556-003, RPS-52034-001
Sales Drawing	SD-5558****
Test Summary	TS-5556-002

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
5558Series

Mates With
5556 Mini-Fit™ Crimp Terminal

Use With
5559 Mini-Fit Jr.™ Plug Housing, 30068 Mini-Fit TPA™ Plug Housing, 42475 Mini-Fit BMI™ Plug Housing

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

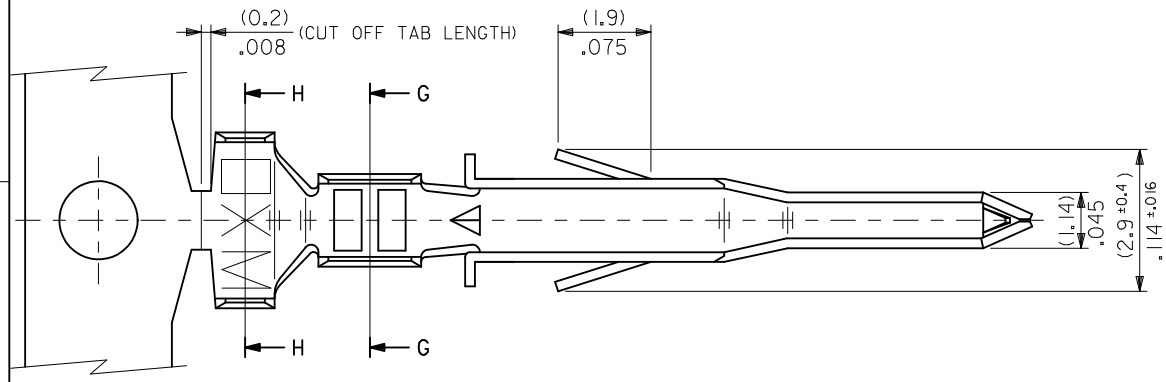
Description	Product #
Extraction Tool	0011030044
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	0638190900

Japan

Description	Product #
Handtool (Straight Action)	0570225500
Hand Crimp Tool	0570265000

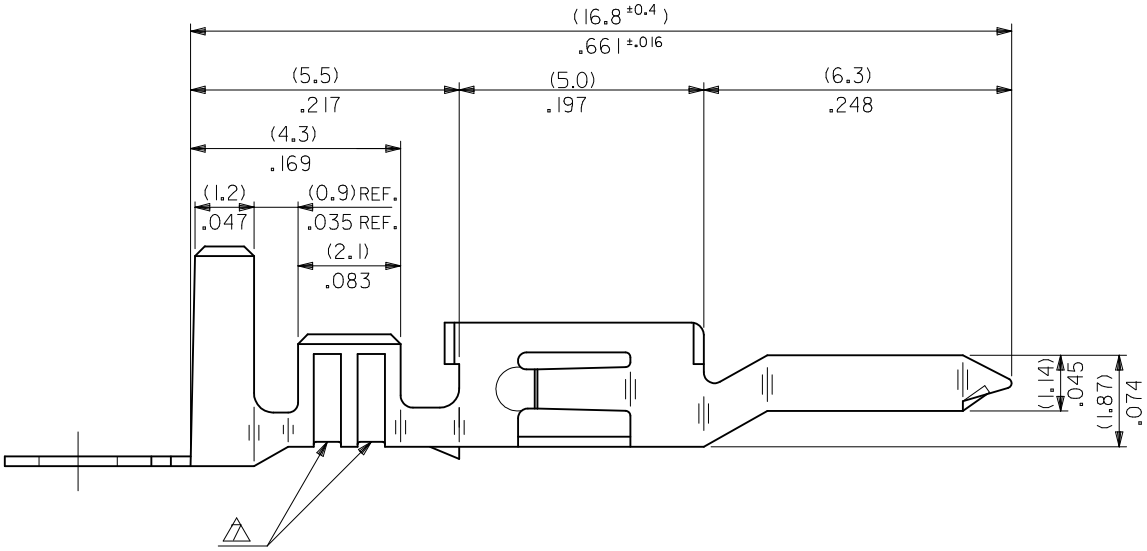
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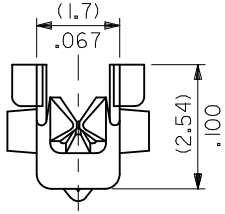
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

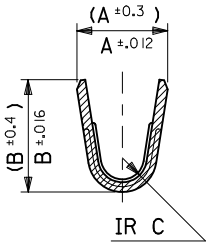


NOTES

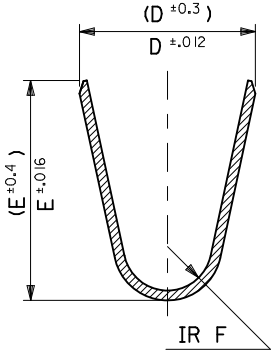
1. MATERIAL: SEE CHART
2. FINISH: SEE CHART
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003
4. PACKAGING SPECIFICATION: PK-5558-001 FOR CHAIN
   PK-5556-003 FOR LOOSE
5. MATES WITH TERMINAL: 5556 SERIES.
6. APPLICIABLE HOUSING: 5559, 30068, 42475 SERIES.
7. THE NUMBER OF SERRATIONS TO BE ONE FOR WIRE RANGE #22-28.
8. WHEN TERMINALS ARE INSTALLED IN THE HOUSING THE WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
9. THIS TERMINAL IS DESIGNED FOR SINGLE WIRE CRIMPING.
10. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.







SECT. G-G



SECT. H-H

UPDATED NOTES EC NO: UCP2010-2478 DRWN: JAGUILAR 2010/04/06 CH'KD: JBELL 2010/04/09 APPR: FSMITH 2010/04/09	DESCRIPTION	REV

QUALITY SYMBOLS
$\sqrt{F_A}$=0
$\sqrt{F_V}$=0
$\sqrt{F_P}$=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .008
2 PLACES	± .20	± .008
1 PLACE	± .2	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: H.HIRAMOTO DATE: 1991/03/12
CHECKED BY: S.KUNISHI DATE: 1998/07/07
APPROVED BY: M.MUKUSHIMA DATE: 1998/07/07

TITLE: MINI-FIT JR OVERALL TIN MALE CRIMP TERMINAL

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5558****
SHEET NO.: 1 OF 2
SIZE: B

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

MATERIAL	F	E	D	C	B	A	INS. RANGE	WIRE RANGE	EDP NO.	ENG. NO.	FORM
TIN PLATED PHOSPHOR BRONZE	(0.9) .035	(4.5) .177	(3.6) .142	(0.6) .024	(2.7) .106	(2.3) .091	Ø (3.1) .122 MAX.	#16	39-00-0084	5558 PBT3L	LOOSE
									-0083	PBT3	CHAIN
	(0.6) .024	(2.3) .091	(2.3) .091	(0.4) .016	(1.65) .065	(1.8) .071	Ø (0.9-1.8) .035-.071	#22-28	-0068	PBT2L	LOOSE
									-0067	PBT2	CHAIN
	(0.9) .035	(4.5) .177	(3.6) .142	(0.5) .020	(2.3) .091	(1.9) .075	Ø (1.3-3.1) .051-.122	#18-24	-0062	PBTL	LOOSE
									-0061	PBT	CHAIN
TIN OVER COPPER PLATED BRASS	(0.9) .035	(4.5) .177	(3.6) .142	(0.6) .024	(2.7) .106	(2.3) .091	Ø (3.1) .122 MAX.	#16	-0082	T3L	LOOSE
									-0081	T3	CHAIN
	(0.6) .024	(2.3) .091	(2.3) .091	(0.4) .016	(1.65) .065	(1.8) .071	Ø (0.9-1.8) .035-.071	#22-28	-0049	T2L	LOOSE
									-0048	T2	CHAIN
	(0.9) .035	(4.5) .177	(3.6) .142	(0.5) .020	(2.3) .091	(1.9) .075	Ø (1.3-3.1) .051-.122	#18-24	-0041	TL	LOOSE
									39-00-0040	5558 T	CHAIN

UPDATE TITLE BLOCK
EC NO: UCP2010-2478 2010/04/06
DRWN: JAGUILAR 2010/04/09
CHKD: JBELL
APPR: FSMITH 2010/04/09

DESCRIPTION

REV

QUALITY SYMBOLS
FA=0
FC=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .008
2 PLACES	± .20	± .008
1 PLACE	± .2	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY DATE: H.HIRAMOTO 1991/03/12
CHECKED BY DATE: S.KUNISHI 1998/07/07
APPROVED BY DATE: F.SMITH KUSHIMA 2010/07/09

TITLE
MINI-FIT JR
OVERALL TIN
MALE CRIMP TERMINAL

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5558****
SHEET NO.: 2 OF 2

SIZE: B

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