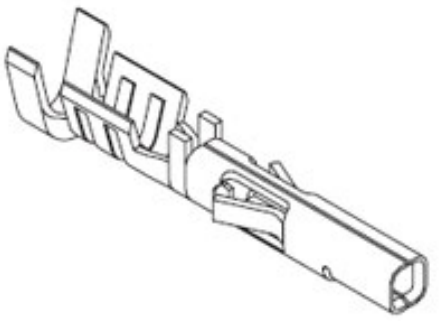
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0430300010
Status: Active
Overview: microfit_30
Description: Micro-Fit 3.0™ Crimp Terminal, Female, with Select Tin (Sn) Plated Tin/Brass Alloy Contact, 26-30 AWG, Bag



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-43045 (PDF)

General

Product Family	Crimp Terminals
Series	43030
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	microfit_30
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1.00
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1.00
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.27mm (.050") max.
Wire Size AWG	26, 28, 30
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43030-003
Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-43030-****

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
43030Series

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

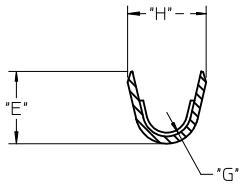
Description	Product #
Extraction Tool	0011030043
Hand Crimp Tool	0638190000
Insertion Tool for Micro-Fit 3.0™ Crimp Terminal	0638120800

This document was generated on 06/07/2010

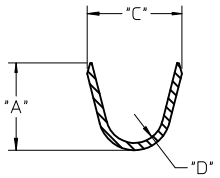
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

WIRE SIZE	MAX INSULATION	"A" ±.012 ±0.30	"C" ±.012 ±0.30	"D" ±.005 ±0.13	"E" ±.012 ±0.30	"G" ±.005 ±0.13	"H" ±.012 ±0.30
20-24	.073/1.85	.090/2.29	.100/2.54	.030/0.76	.075/1.91	.025/0.64	.082/2.08
26-30	.050/1.27	.075/1.91	.083/2.10	.025/0.64	.058/1.47	.020/0.51	.065/1.65

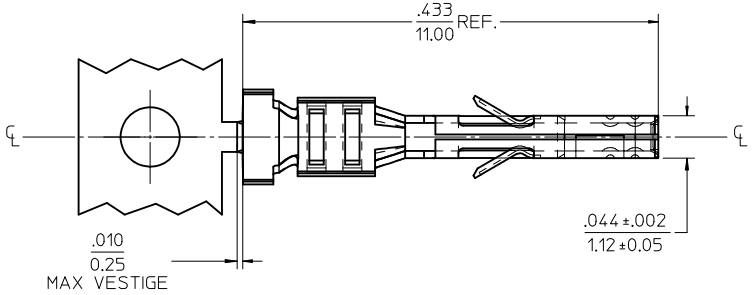
MATERIAL NUMBER	PLATING	WIRE SIZE	FORM
43030-0001	A	20-24	CHAIN
43030-0002	B	20-24	CHAIN
43030-0003	C	20-24	CHAIN
43030-0004	A	26-30	CHAIN
43030-0005	B	26-30	CHAIN
43030-0006	C	26-30	CHAIN
43030-0007	A	20-24	LOOSE
43030-0008	B	20-24	LOOSE
43030-0009	C	20-24	LOOSE
43030-0010	A	26-30	LOOSE
43030-0011	B	26-30	LOOSE
43030-0012	C	26-30	LOOSE

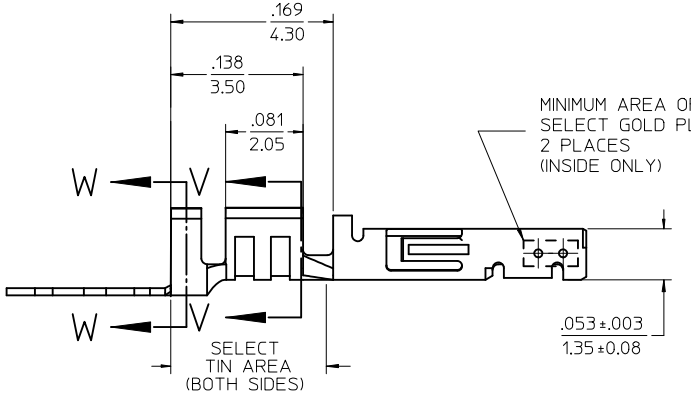


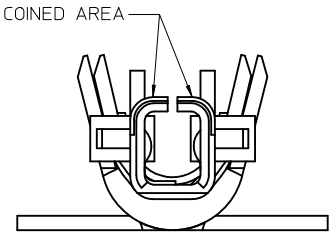
SECTION V-V



SECTION W-W







(SCALE 20:1)

NOTES

1) MATERIAL: PHOSPHOR BRONZE ALLOY
2) TERMINAL PLATING:
   "A" - HOT TIN DIP: .000040/0.00102 MIN.
   "B" - .000015/0.00038 MIN. SELECT GOLD
   .000100/0.00254 MIN. SELET TIN
   ALL OVER .000050/0.00127 MIN. NICKEL OVERALL.
   "C" - .000030/0.00076 MIN. SELECT GOLD
   .000100/0.00254 MIN. SELECT TIN
   ALL 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 IN THE PC TAIL AREA.
   MATERIAL NUMBERS WITH SELECT PLATING ARE POST PLATED.
3) PRODUCT SPECIFICATION: PS-43045, PS-43650, PS-44300-001.
4) PACKAGING SPECIFICATION: PK-43030-001 (REEL), PK-43030-003 (LOOSE).
5) TERMINAL FOR USE IN A MICRO FIT RECEPTACLE #43025-****, 43645-****, AND 44133-****.
6) FOR TERMINAL ORIENTATION IN RECEPTACLE SEE DRAWING #SDA-43025 OR SDA-43645.
7) THIS TERMINAL IS DESIGNED IN METRIC.
8) MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG (SERIES 44242) WHENEVER CONTINUITY TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED TO MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS (SERIES 43020, 43045, 43640, 43650, OR 43031) FOR HARNESS TESTING PURPOSES.

ADD PK-43030-003 2009/12/30
EC NO: UCP2010-0737 2009/12/30
DRWN:SSOUSEK CH'KD:SSOUSEK 2010/01/04
APPR:FSMITH
DESCRIPTION
N1
REV

QUALITY SYMBOLS
▼=0
▽(C)=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

		DATE
DRAWN BY	MUELLER	2002/08/03
CHECKED BY	MUELLER	2002/08/03
APPROVED BY	MARGULIS	2002/08/03

TITLE: MICRO-FIT (3.0) FEMALE CRIMP TERMINAL

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-43030-****
SHEET NO.: 1 OF 1
SIZE: C

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