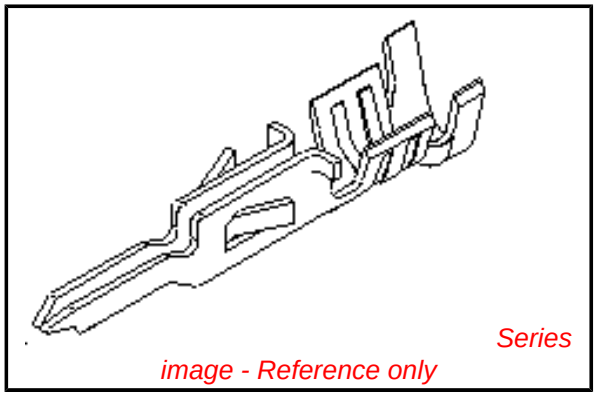
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Part Number: 0430310002
Status: Active
Overview: microfit_30
Description: Micro-Fit 3.0™ Crimp Terminal, Male, with Gold (Au) Plated Tin/Brass Alloy Contact, 20-24 AWG, Reel



Series image - Reference only

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

General

Product Family	Crimp Terminals
Series	43031
Crimp Quality Equipment	Yes
Overview	microfit_30
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.85mm (.073") max.
Wire Size AWG	20, 22, 24
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43031-001
Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-43031-****
Test Summary	TS-43045-002

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
43031Series

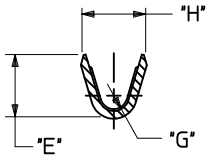
Application Tooling | **FAQ**

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

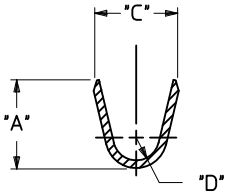
Global

Description	Product #
Insertion Tool for Micro-Fit 3.0™ Crimp Terminal	0638120800
Fine Adjust Applicator for Micro-Fit 3.0™ Crimp Terminals	0639018800
Fine Adjust Applicator for Micro-Fit 3.0™ Crimp Terminals	0639018900

T2 Terminator Micro-Fit 3.0™ Crimp Terminals	0639118800
T2 Terminator Micro-Fit 3.0™ Crimp Terminals	0639118900
FineAdjust™ Applicator for Micro-Fit 3.0™ Crimp Terminals, Male & Female, 20-24 AWG	0639004500
T2 Terminator Die	0639104500
Hand Crimp Tool	0638190000
Extraction Tool	0011030043



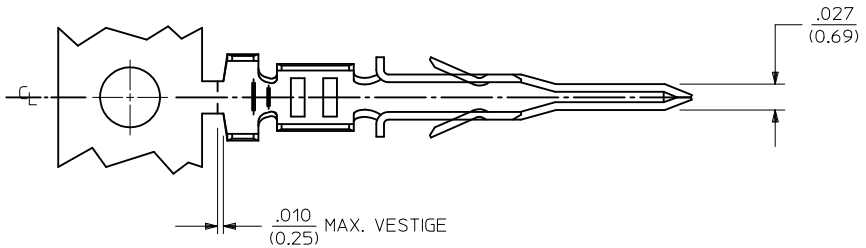
SECTION "B"-"B"

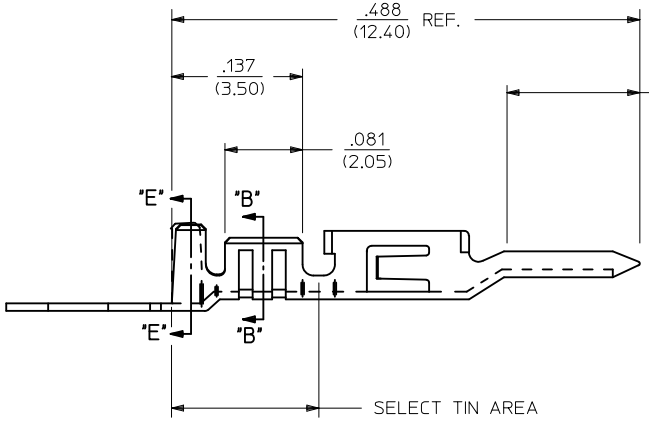


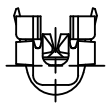
SECTION "E"-"E"

AWG:	MAX. INSULATION
20-24	.073/(1.85)
26-30	.050/(1.27)

ITEM NUMBER	PLATING OPTION	WIRE SIZE	ASSEMBLY OPTION	"A" ±.016 (±0.41)	"C" ±.012 (±0.30)	"D" ±.005 (±0.13)	"E" ±.016 (±0.41)	"G" ±.005 (±0.13)	"H" ±.012 (±0.30)
43031-0001	A	20-24	CHAIN	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.075/(1.91)	.025/(0.64) R.	.082/(2.08)
43031-0002	B	20-24	CHAIN	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.075/(1.91)	.025/(0.64) R.	.082/(2.08)
43031-0003	C	20-24	CHAIN	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.075/(1.91)	.025/(0.64) R.	.082/(2.08)
43031-0004	A	26-30	CHAIN	.075/(1.91)	.083/(2.10)	.025/(0.64) R.	.058/(1.47)	.020/(0.51) R.	.065/(1.65)
43031-0005	B	26-30	CHAIN	.075/(1.91)	.083/(2.10)	.025/(0.64) R.	.058/(1.47)	.020/(0.51) R.	.065/(1.65)
43031-0006	C	26-30	CHAIN	.075/(1.91)	.083/(2.10)	.025/(0.64) R.	.058/(1.47)	.020/(0.51) R.	.065/(1.65)
43031-0007	A	20-24	LOOSE	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.075/(1.91)	.025/(0.64) R.	.082/(2.08)
43031-0008	B	20-24	LOOSE	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.075/(1.91)	.025/(0.64) R.	.082/(2.08)
43031-0009	C	20-24	LOOSE	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.075/(1.91)	.025/(0.64) R.	.082/(2.08)
43031-0010	A	26-30	LOOSE	.075/(1.91)	.083/(2.10)	.025/(0.64) R.	.058/(1.47)	.020/(0.51) R.	.065/(1.65)
43031-0011	B	26-30	LOOSE	.075/(1.91)	.083/(2.10)	.025/(0.64) R.	.058/(1.47)	.020/(0.51) R.	.065/(1.65)
43031-0012	C	26-30	LOOSE	.075/(1.91)	.083/(2.10)	.025/(0.64) R.	.058/(1.47)	.020/(0.51) R.	.065/(1.65)







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/(0.002543) MIN. SELECT TIN
   OVER .000050/(0.00127) MIN. NICKEL
   "C"= .000030/(0.00076) MIN. SELECT GOLD
   .000100/(0.002543) MIN. SELECT TIN
   OVER .000050/(0.00127) MIN. NICKEL
   * MATERIAL NUMBERS WITH SELECT PLATING ARE POST-PLATED AFTER FORMING.
3) PRODUCT SPECIFICATION : PS-43045, PS-43650, PS-44300-001
4) PACKAGING SPECIFICATION: PK-43031-001 (REEL), PK-43030-003 (LOOSE).
5) TERMINAL FOR USE IN MICRO FIT PLUG 43020-****, 43640-****, AND 44300-****.
6) FOR TERMINAL ORIENTATION IN PLUG SEE DRAWING SDA-43020-**** OR SD-43640-****.
7) THIS TERMINAL IS DESIGNED IN METRIC.
8) 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.
9) SOME GOLD MAY BE PRESENT ON INSIDE SURFACE.

ADD PK-43030-003 2009/12/30
EC NO: UCP2010-0737 2009/12/30
DRWN:SSOUSEK CHKD:SSOUSEK 2010/01/04
APPR:FSMITH DESCRIPTION
J3 REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: MUELLER DATE: 2002/08/13
CHECKED BY: MUELLER DATE: 2002/08/13
APPROVED BY: MARGULIS DATE: 2002/08/13
MATERIAL NO.: SEE CHART

TITLE: MICRO-FIT (3.0) MALE TERMINAL

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-43031-****
SHEET NO.: 1 OF 1

SIZE: C

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

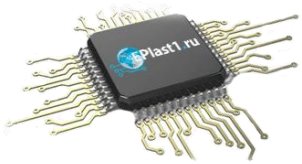
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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