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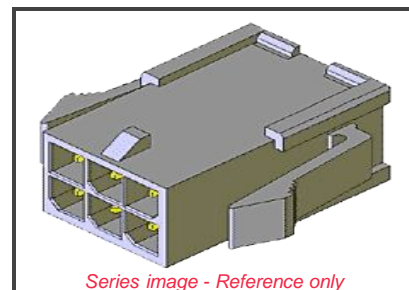
Product Name	Cross-Ref	Catalog	Literature	Industries	Standards	Contact Us	About Us	Investors	Careers
Connectors	Sockets	I/O Connectors	Cable Assemblies	Fiber Optics	Printed Circuit Products	Automation and Electrical	And More...		

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[Printer-friendly page](#)[Email this page](#)[Home](#) [Crimp Housings](#) [Datasheet](#)**Part Number: 0430201200****Status: Active** **Overview: Micro-Fit, 3.0™****Description:** 3.00mm (.118") Pitch Micro-Fit 3.0™ Plug Housing, Dual Row, with Panel Mount Ears, 12 Circuits**Documents:***Note - Please disable browser pop-up blockers for documents on www.molex.com*[Drawing \(PDF\)](#)[Product Specification PS-43045 \(PDF\)](#)[3D Model](#)[Product Literature \(PDF\)](#)[Related Catalog Page \(PDF\)](#)**Order Products:**[Check Distributor Inventory](#)[Add to My Parts](#)[Request Samples](#)**Part Detail: (show all)**

General	Physical	Electrical	Material Info
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General

Product Family	Crimp Housings
Series	43020
Comments	Glow Wire Equivalent Part Number 430201208
Overview	Micro-Fit, 3.0™
Product Name	Micro-Fit 3.0™

Physical

Circuits (maximum)	12
Circuits Detail	12
Color - Resin	Black
Flammability	94V-0
Gender	Male
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Pitch - Term. Interface (in)	0.118 In
Pitch - Term. Interface (mm)	3.00 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Electrical

CSA	LR19980
TUV	R9650433
UL	E29179

Material Info**EU RoHS****ELV and RoHS Compliant****China RoHS****Need more information on product compliance?**Email productcompliance@molex.comPlease visit the [Contact Us](#) section for any non-product compliance questions.**Search Parts in this Series**[43020](#) Series**Mates With**[43025](#) Micro-Fit 3.0™ Receptacle Housing**Use With**

Micro-Fit 3.0™ Crimp Terminal, Male

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-43045
SDA-43020-****

ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS	
	NUMBER OF POSITION	PANEL MOUNT OPTION
43020-0200	02	YES
43020-0201	02	NO
43020-0400	04	YES
43020-0401	04	NO
43020-0600	06	YES
43020-0601	06	NO
43020-0800	08	YES
43020-0801	08	NO
43020-1000	10	YES
43020-1001	10	NO
43020-1200	12	YES
43020-1201	12	NO
43020-1400	14	YES
43020-1401	14	NO
43020-1600	16	YES
43020-1601	16	NO
43020-1800	18	YES
43020-1801	18	NO
43020-2000	20	YES
43020-2001	20	NO
43020-2200	22	YES
43020-2201	22	NO
43020-2400	24	YES
43020-2401	24	NO

CKT. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	.152/(3.86)	N/A	.166/(4.21)	.311/(7.90)
4	.270/(6.85)	.118/(3.00)	.284/(7.21)	.429/(10.90)
6	.388/(9.85)	.236/(6.00)	.402/(10.21)	.547/(13.89)
8	.506/(12.85)	.354/(9.00)	.520/(13.21)	.665/(16.89)
10	.624/(15.85)	.472/(12.00)	.638/(16.21)	.783/(19.89)
12	.742/(18.85)	.591/(15.00)	.756/(19.21)	.901/(22.89)
14	.860/(21.85)	.709/(18.00)	.874/(22.21)	1.019/(25.89)
16	.978/(24.85)	.827/(21.00)	.992/(25.21)	1.137/(28.89)
18	1.096/(27.85)	.945/(24.00)	1.110/(28.21)	1.255/(31.89)
20	1.215/(30.85)	1.063/(27.00)	1.229/(31.21)	1.373/(34.87)
22	1.333/(33.85)	1.181/(30.00)	1.347/(34.21)	1.491/(37.87)
24	1.451/(36.85)	1.299/(33.00)	1.465/(37.21)	1.609/(40.87)

NOTES:

- HOUSING MATERIAL: UNFILLED POLYESTER (PBT), UL 94V-0
COLOR - BLACK
- PRODUCT SPECIFICATION: PS-43045
- THIS HOUSING MATES WITH MICRO-FIT RECEPTACLE #43025-XXXX
- THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL #43031-XXXX
- DESIGNED FOR .055(.14) MINIMUM TO A .100(.254) MAXIMUM THICK PANEL OR PRINTED CIRCUIT BOARD.
- SEE SECTION "D"-D" FOR TERMINAL ORIENTATION IN HOUSING.
- PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH SIDE FOR OPTIMUM RETENTION.

RECOMMENDED PANEL CUT-OUT

SECTION "E"-E" (NO SCALE)

SECTION "B"-B"

SECTION "D"-D" WITH TERMINAL (SCALE 1:1)

RECEPTACLE #43025-XXXX

PLUG #43020-XXXX

TERMINAL #43031-XXXX

OPTIONAL PANEL MOUNTS

MATED MICRO-FIT CONNECTOR

SECTION "D"-D" WITH TERMINAL (SCALE 1:1)

OPTIONAL PANEL MOUNTS

RECEPTACLE #43025-XXXX

PLUG #43020-XXXX

TERMINAL #43031-XXXX

OPTIONAL PANEL MOUNTS

MATED MICRO-FIT CONNECTOR

SECTION "D"-D" WITH TERMINAL (SCALE 1:1)

OPTIONAL PANEL MOUNTS

RECEPTACLE #43025-XXXX

PLUG #43020-XXXX

TERMINAL #43031-XXXX

OPTIONAL PANEL MOUNTS

MATED MICRO-FIT CONNECTOR

SECTION "D"-D" WITH TERMINAL (SCALE 1:1)

OPTIONAL PANEL MOUNTS

RECEPTACLE #43025-XXXX

PLUG #43020-XXXX

TERMINAL #43031-XXXX

OPTIONAL PANEL MOUNTS

MATED MICRO-FIT CONNECTOR