

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0901560145](#)
Status: **Active**
Overview: [cgrid_iii](#)
Description: 2.54mm (.100") Pitch C-Grid III™ Crimp Housing - Single Row, 5 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	Crimp Housings
Series	90156
MolexKits	Yes
Overview	cgrid_iii
Product Name	C-Grid III™

Physical

Breakaway	No
Circuits (maximum)	5
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	PPO
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Temperature Range - Operating	-55°C to +105°C

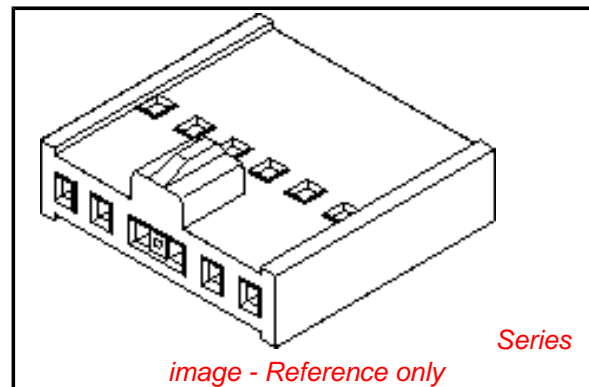
Electrical

Current - Maximum per Contact	3A
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Material Info

Reference - Drawing Numbers

Sales Drawing	SDA-90156
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EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
**Halogen-Free
Status**

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

[90156Series](#)

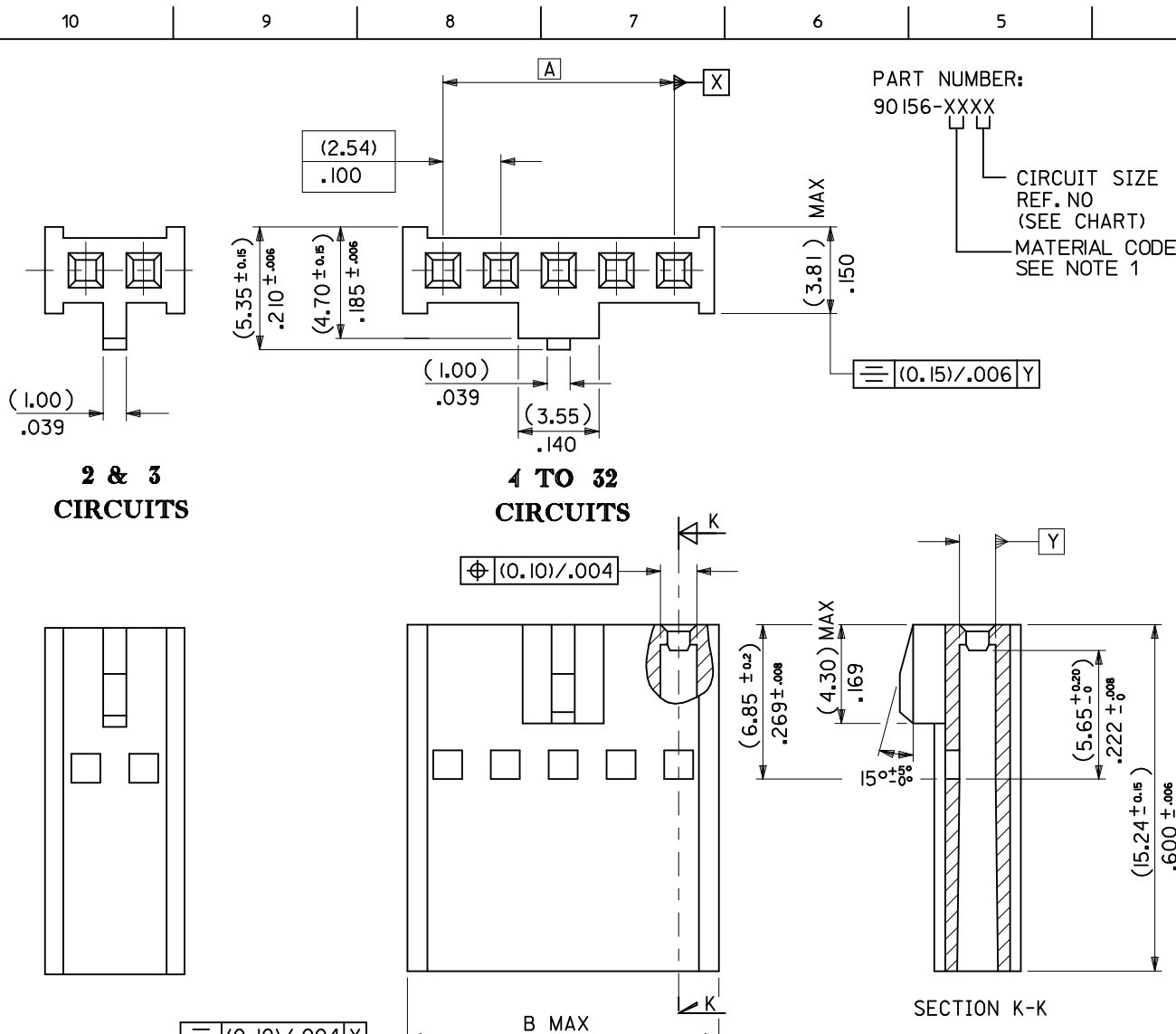
Mates With

[90120](#) , [90121](#) , [90136](#)

Use With

[90119](#)

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No.OF CKTS	PART NUMBER	DIM A	DIM B
2	90156-XX42	(2.54) / .100	(6.14) / .342
3	↑ -XX43	(5.08) / .200	(8.68) / .342
4	-XX44	(7.62) / .300	(11.22) / .442
5	-XX45	(10.16) / .400	(13.76) / .542
6	-XX46	(12.70) / .500	(16.30) / .642
7	-XX47	(15.24) / .600	(18.84) / .742
8	-XX48	(17.78) / .700	(21.38) / .842
9	-XX49	(20.32) / .800	(23.92) / .942
10	-XX50	(22.86) / .900	(26.46) / 1.042
11			
12	-XX52	(27.94) / 1.100	(31.54) / 1.242
13	-XX53	(30.48) / 1.200	(34.08) / 1.342
14	-XX54	(33.02) / 1.300	(36.62) / 1.442
15	-XX55	(35.56) / 1.400	(39.16) / 1.542
16	-XX56	(38.10) / 1.500	(41.70) / 1.642
17			
18	-XX58	(43.18) / 1.700	(46.78) / 1.842
19			
20	-XX60	(48.26) / 1.900	(51.86) / 2.042
21			
22	-XX62	(53.34) / 2.100	(56.94) / 2.242
23			
24			
25	-XX65	(60.96) / 2.400	(64.56) / 2.542
26			
27			
28			
29			
30	-XX70	(73.66) / 2.900	(77.26) / 3.042
31	↓		
32	90156-XX72	(78.74) / 3.100	(82.34) / 3.242

NOTES:
 1 MATERIAL CODE XX: 90156 - XX** :
 01-POLYPHENYLENE OXIDE (PPO) UL 94 V-1 COLOUR BLACK
 02-POLYPHENYLENE OXIDE (PPO) UL 94 V-1 COLOUR GREY
 10-GLOW WIRE OPTION POLYESTER (PBT) UL94 V-2 COLOUR NATURAL
 2. PRODUCT SPECIFICATION: PS-99020-0001

ADDED GWT OPTION
 EC NO: E2009-0175
 DRW:BMAGUIRE 2008/09/29
 CHKD: 2008/09/29
 APPR:BMAGUIRE 2008/09/30

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
▽=0	4 PLACES ± ---	± ---
∇=0	3 PLACES ± ---	± .004
	2 PLACES ± 0.1	± ---
	1 PLACE ± ---	± ---
	ANGULAR ± 2 °	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN		5:1	METRIC	☉
DRAWN BY	DATE	TITLE		
GMCSWEEN	2004/05/07	C GRID III SINGLE ROW CRIMP CONNECTOR HOUSING		
CHECKED BY	DATE	MOLEX INCORPORATED		
JDENNEHY	2004/05/13			
APPROVED BY	DATE	DOCUMENT NO.		
JDENNEHY	2004/05/13	SDA-90156		
MATERIAL NO.	SHEET NO.			
SEE CHART	1 OF 1			
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