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Part Number: [0901560158](#)
Status: **Active**
Overview: [cgrid_iii](#)
Description: 2.54mm (.100") Pitch C-Grid III™ Crimp Housing - Single Row, 18 Circuits

Documents:

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

General

Product Family Crimp Housings
 Series [90156](#)
 Overview [cgrid_iii](#)
 Product Name C-Grid III™

Physical

Breakaway No
 Circuits (maximum) 18
 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

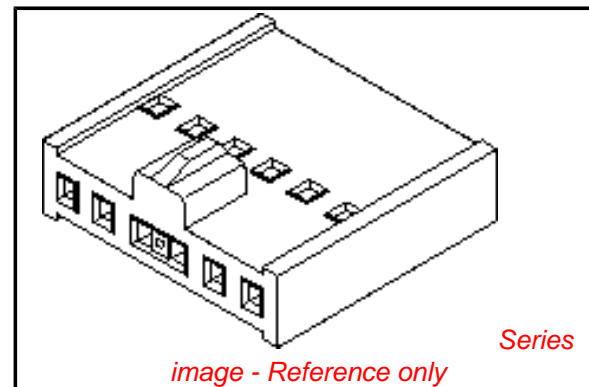
Electrical

Current - Maximum per Contact 3A

Material Info

Reference - Drawing Numbers

Sales Drawing SDA-90156



EU RoHS

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

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

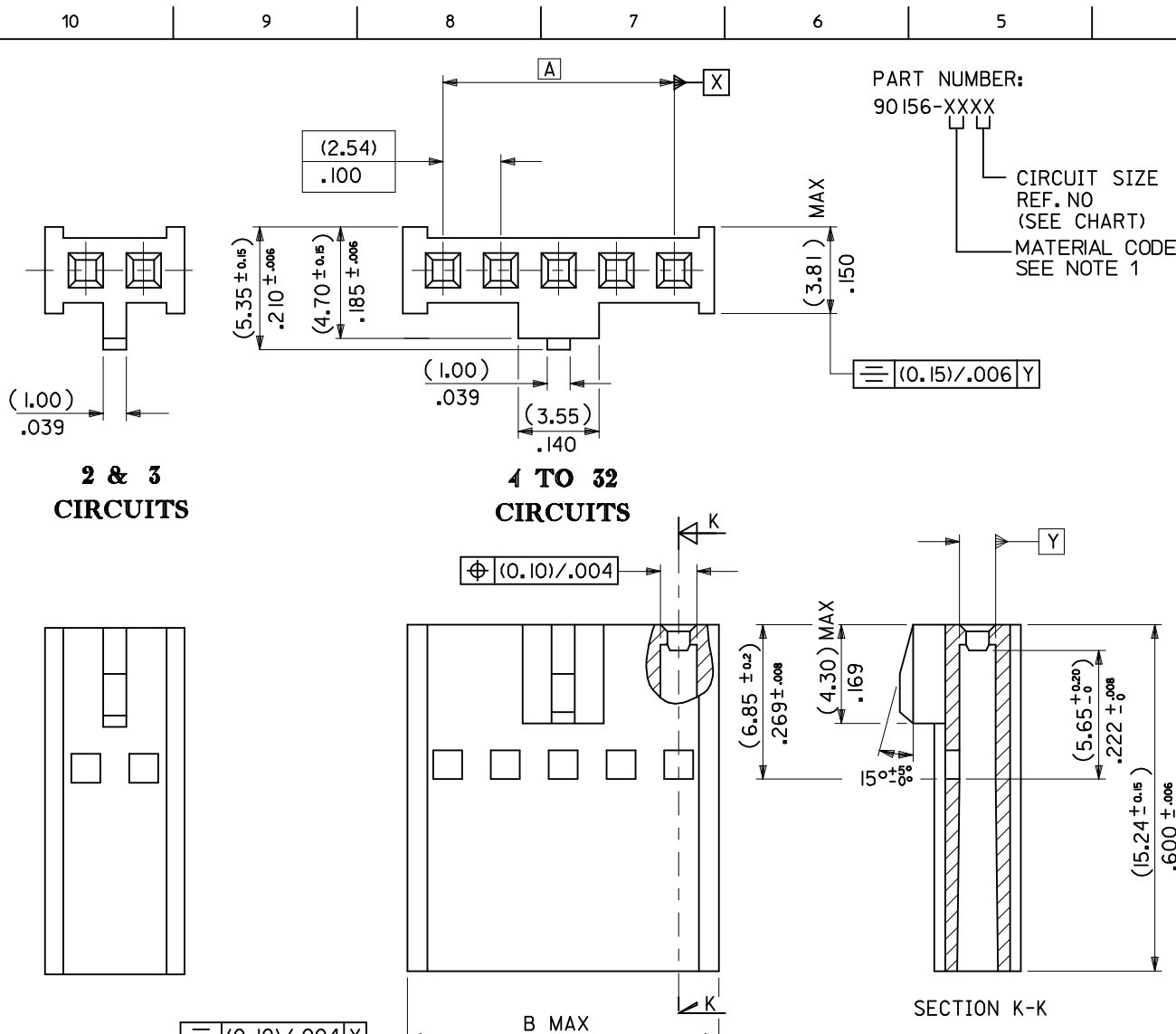
[90156Series](#)

Mates With

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

Use With

[90119](#)



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)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
$\nabla = 0$	mm INCH	MM/IN	5:1	METRIC	
$\nabla = 0$	4 PLACES ± --- ± ---	DRAWN BY GMCSWEEN	DATE 2004/05/07	TITLE C GRID III SINGLE ROW CRIMP CONNECTOR HOUSING	
	3 PLACES ± --- ± .004	CHECKED BY JDENNEHY	DATE 2004/05/13		
	2 PLACES ± 0.1 ± ---	APPROVED BY JDENNEHY	DATE 2004/05/13		
	1 PLACE ± --- ± ---	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-90156		
	ANGULAR ± 2 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 1	

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