

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0901560155

Status:

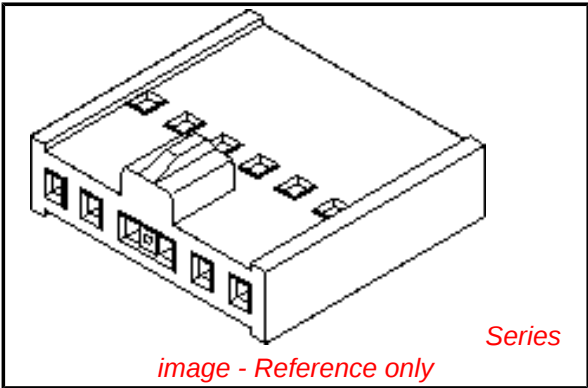
Active

Overview:

cgrid_iii

Description:

2.54mm (.100") Pitch C-Grid III™ Crimp Housing - Single Row, 15 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)	15
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
Solder Process Data	
Duration at Max. Process Temperature (seconds)	2
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	120
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

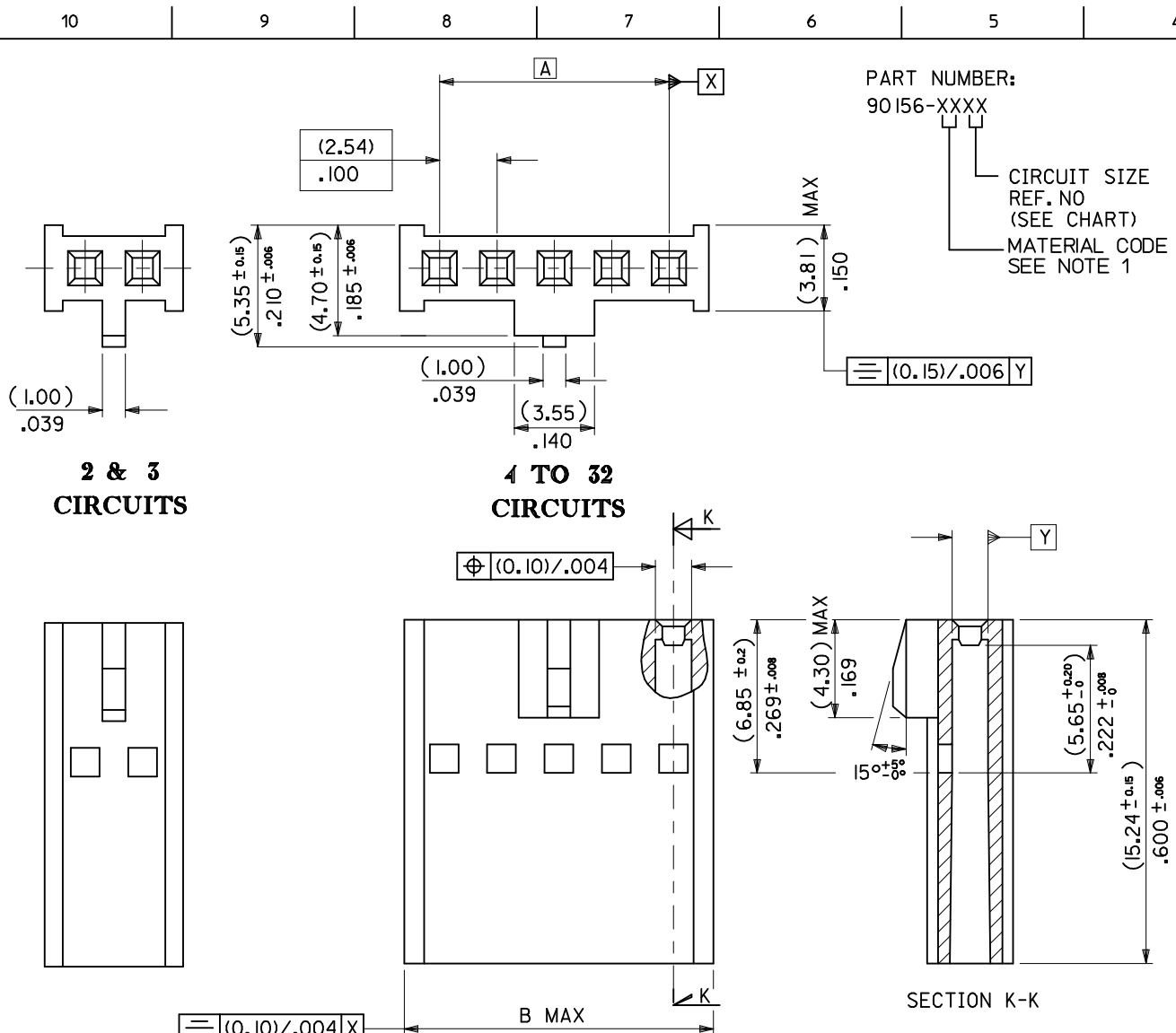
Mates With

90120 , 90121, 90136

Use With

90119

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PART NUMBER:
90156-XXXX

CIRCUIT SIZE
REF. NO
(SEE CHART)

MATERIAL CODE :
SEE NOTE 1

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 DRAWN: BMAGUIRE 2008/09/29 CHKD: 2008/09/29 APPR: BMAGUIRE 2008/09/30	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY GMC SWEEN	DATE 2004/05/07	TITLE C GRID III SINGLE ROW CRIMP CONNECTOR HOUSING MOLEX INCORPORATED DOCUMENT NO. SDA-90156 SHEET NO. 1 OF 1			
		4 PLACES	± ---	± ---	CHECKED BY J DENNEHY	DATE 2004/05/13				
		3 PLACES	± ---	± .004	APPROVED BY J DENNEHY	DATE 2004/05/13				
		2 PLACES	± 0.1	± ---						
		1 PLACE	± ---	± ---						
		ANGULAR ± 2 °								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART						