

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0901700016

Status:

Active

Description:

2.54mm (.100") Pitch QF-50™, Strain Relief, DIN 41651, Standard Low Profile, 16 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0015 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Component Type

Glow-Wire Compliant

Product Name

Ribbon Cable / Wire Trap Connectors

90170

Strain Relief

No

QF-50™

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Entry Angle

Lock to Mating Part

Material - Resin

Number of Rows

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to Mating Part

Stackable

Temperature Range - Operating

Wire Insulation Diameter

Wire Size AWG

Wire/Cable Type

N/A

16

Black

N/A

Yes

Polyester

2

No

None

Bag

0.050 In

1.27 mm

No

No

-25°C to +85°C

N/A

N/A

Ribbon Cable

Electrical

Current - Maximum per Contact

Voltage - Maximum

1A

250V AC/DC

Material Info

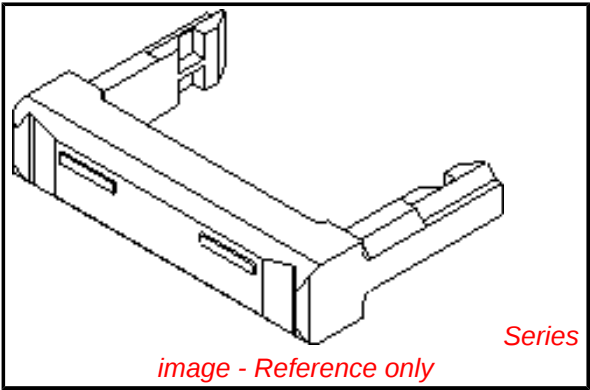
Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-99020-0015

SD-90170



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not 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

90170Series

Use With

5320 , 90635

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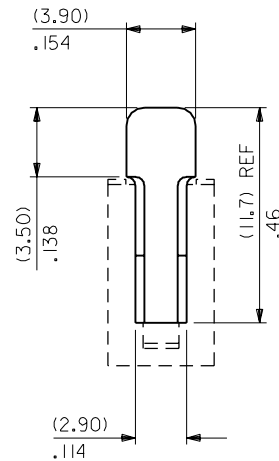
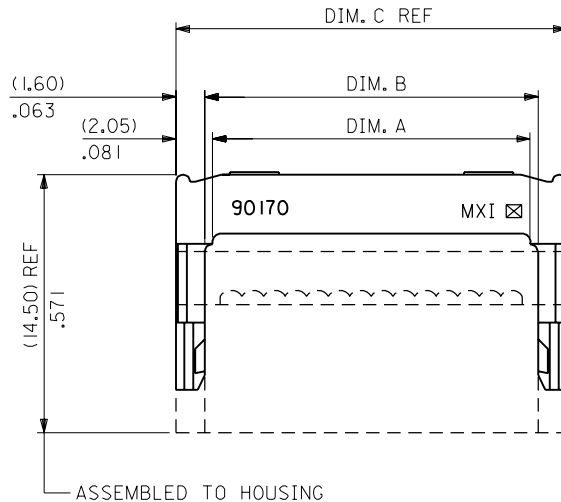
PART NO

SEE CHART

~~SD-90170~~



90170-0064	YES	64	(81.81)/3.221	(82.70)/3.256	(85.90)/3.382
↑ -0060	↑	60	(76.73)/3.021	(77.63)/3.056	(80.83)/3.182
-0050		50	(64.03)/2.521	(64.93)/2.556	(63.13)/2.682
-0040		40	(51.33)/2.021	(52.23)/2.056	(55.43)/2.182
-0034		34	(43.71)/1.721	(44.61)/1.756	(47.81)/1.882
-0030		30	(38.63)/1.521	(39.53)/1.556	(42.73)/1.682
-0026		26	(33.55)/1.321	(34.45)/1.356	(37.65)/1.482
-0020		20	(25.93)/1.021	(26.83)/1.056	(30.03)/1.182
-0016		16	(20.85)/.821	(21.75)/.856	(24.95)/.982
↓ -0014	↓	14	(18.31)/.721	(19.21)/.756	(22.41)/.882
90170-0010	YES	10	(13.23)/.521	(14.13)/.556	(17.33)/.682
PART NUMBER	TOOLED	CCTS.	DIM. A (^{+0.20} / _{±.008})	DIM. B (^{+0.20} / _{±.008})	DIM. C REF



NOTES

1. MATERIAL: G.F. POLYESTER, 94V-0, COLOUR BLACK .
2. THIS PART MATES WITH HOUSING ASSEMBLIES, SERIES 5320
5321, 52037, 90573 AND 90574 .

FOR PREVIOUS
DRAWING ISSUES
SEE MRI.

REDRAWN ON CAD
ECN E30020
26 AUGUST 1992 SM

REVISIONS	
REVISIONS	

REVISIONS	DIMENSIONS SHOWN (METRIC) INCH	
	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR .	
	INCH (METRIC)	
	3 PLACE ± .008	
	2 PLACE ± .	± 0.20
	1 PLACE ±	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
LITR	DESIGN DIMENSION (PRIMARY)	☒ (MM) ☐ IN.
	EQUIVALENT DIMENSION (SECONDARY)	☐ (MM) ☒ IN.

DRWG BY	KC
CHK'D BY	
APP'D BY	
SCALE	4:

REVISE ONLY ON CAD SYSTEM	SH.	REV.
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CAD/CAM FILENAME
SD90170X1
DGN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO
MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE	QIK-FLECS, DIN STANDARD LOW PROFILE STRAIN RELIEF
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MOLEX EUROPE

SHEET NO.	DATE
I OF I	87/07/17

PART NO.
SEE CHART

DWG NO. SD-90170

SIZE
B