

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0901700010](#)
Status: **Active**
Description: 2.54mm (.100") Pitch QF-50™, Strain Relief, DIN 41651, Standard Low Profile, 10 Circuits

Documents:
[3D Model](#) [Product Specification PS-99020-0015 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Ribbon Cable / Wire Trap Connectors
Series [90170](#)
Component Type Strain Relief
Glow-Wire Compliant No
Product Name QF-50™

Physical
Circuits (Loaded) N/A
Circuits (maximum) 10
Color - Resin Black
Entry Angle N/A
Lock to Mating Part Yes
Material - Resin Polyester
Number of Rows 2
PCB Locator No
PCB Retention None
Packaging Type Bag
Pitch - Mating Interface (in) 0.050 In
Pitch - Mating Interface (mm) 1.27 mm
Polarized to Mating Part No
Stackable No
Temperature Range - Operating -25°C to +85°C
Wire Insulation Diameter N/A
Wire Size AWG N/A
Wire/Cable Type Ribbon Cable

Electrical
Current - Maximum per Contact 1A
Voltage - Maximum 250V AC/DC

Material Info

Reference - Drawing Numbers
Product Specification PS-99020-0015
Sales Drawing SD-90170

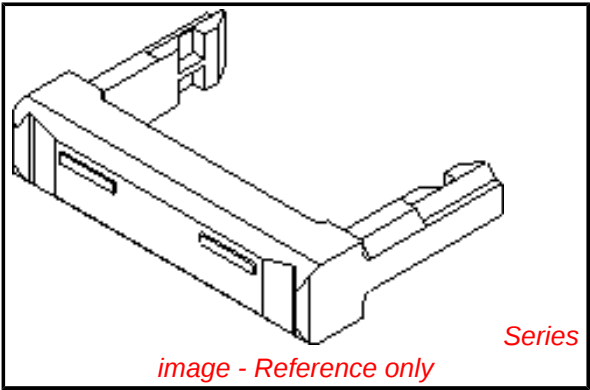


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Halogen-Free



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.

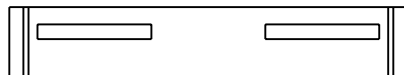
Search Parts in this Series
[90170Series](#)

Use With
[5320](#) , [90635](#)

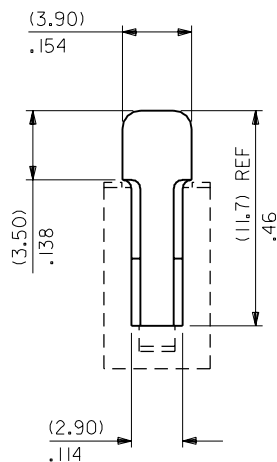
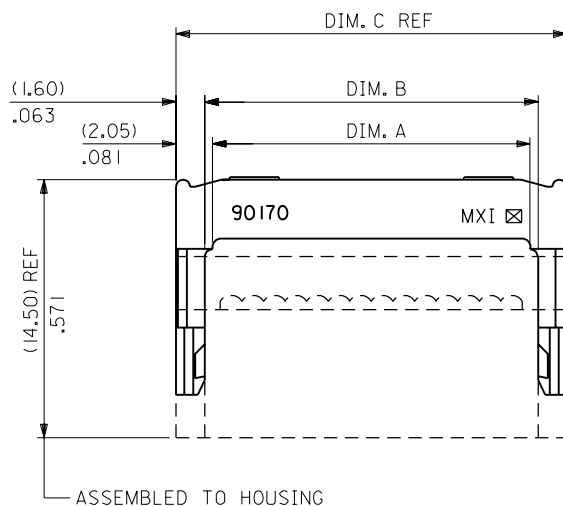
PART NO

SEE CHART
DWG. NO.

~~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 $\begin{smallmatrix} (\pm 0.20) \\ \pm .008 \end{smallmatrix}$	DIM. B $\begin{smallmatrix} (\pm 0.20) \\ \pm .008 \end{smallmatrix}$	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

TR	REVISIONS
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DIMENSIONS SHOWN (METRIC) INCH			
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm$.008			
INCH		(METRIC)	
3 PLACE	$\pm$.008		
2 PLACE	$\pm$.	$\pm$ 0.20	
1 PLACE	$\pm$		

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

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
SD90170XI
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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* MOI FX EUROPE

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

PART NO.
SEE CHART

DWG NO.
SD-90170

SIZE	B
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