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Part Number: [0901700016](#)
Status: **Active**
Description: 2.54mm (.100") Pitch QF-50™, Strain Relief, DIN 41651, Standard Low Profile, 16 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) 16
 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

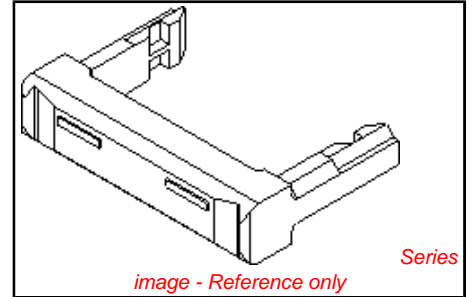
Electrical

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

Material Info

Reference - Drawing Numbers

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



<p>EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Halogen-Free Status Not Halogen-Free</p>	<p>China RoHS</p>
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Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

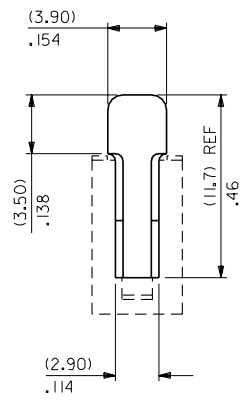
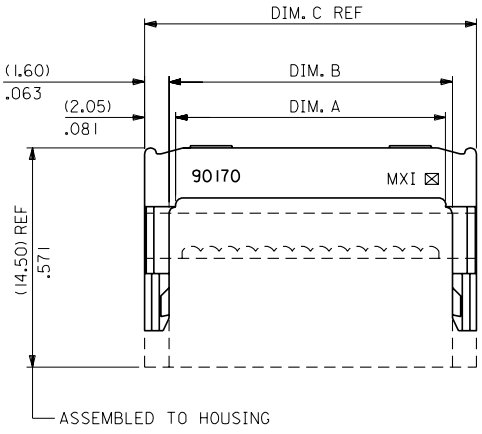
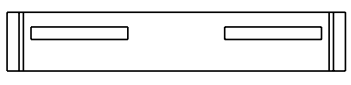
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
 90170Series

Use With
 5320 , 90635

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PART NO.
DWC. REF.
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
LTR REVISIONS

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 8°	
3 PLACE ±	±.008
2 PLACE ±	±.020
1 PLACE ±	±
DRAFT WHERE APPL (CABLE MUST REMAIN WITHIN DIMENSIONS)	
DESIGN DIMENSION (PRIMARY)	☐ (MM)
EQUIVALENT DIMENSION (SECONDARY)	☐ (IN)

DRWG BY
KC
CHK'D BY
APP'D BY
SCALE
4:1

REVISE ONLY ON CAD SYSTEM		SH.	REV.
CAD/CAM FILENAME SD90170X1 DCW	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			
MOLEX EUROPE		SHEET NO. 1 OF 1	DATE 87/07/17
PART NO. SEE CHART	DWG NO. SD-90170	SIZE B	

7132-1283