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Part Number: [0905722509](#)
Status: **Active**
Description: 2.54mm (.100") Pitch QF-50™ Header, Right Angle, Dual Row, Shrouded, DIN Keying, with Latch/Eject Levers, 50 Circuits, Tin

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Ribbon Cable / Wire Trap Connectors
Series	90572
Comments	Eject Levers
Component Type	PCB Header
Glow-Wire Compliant	No
Product Name	QF-50™

Physical

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	90° Angle
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Through Hole
Wire Insulation Diameter	N/A
Wire Size AWG	N/A
Wire/Cable Type	Ribbon Cable

Electrical

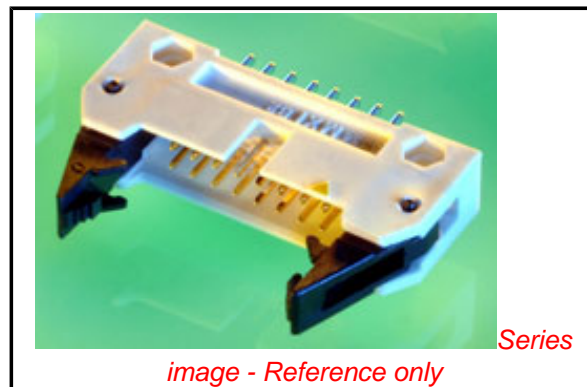


image - Reference only

EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

[90572Series](#)

Mates With

[90635 QF-50™ Female Housing](#)

Current - Maximum per Contact
Voltage - Maximum

1A
250V AC/DC

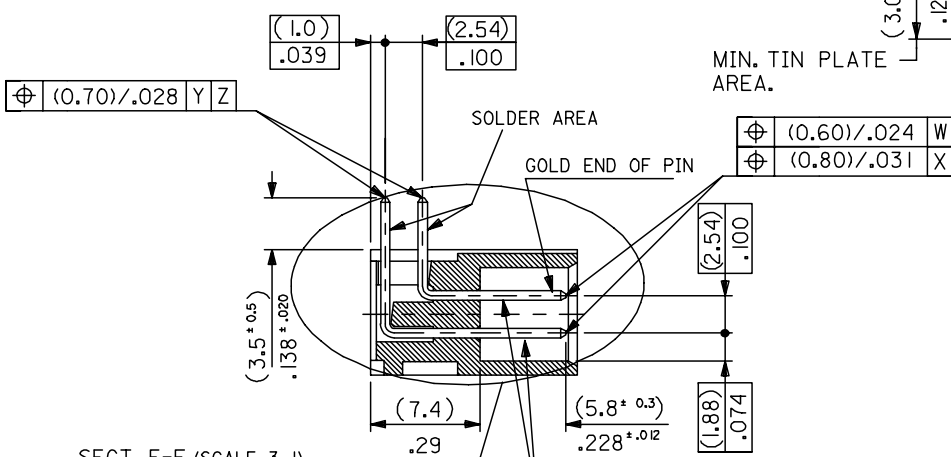
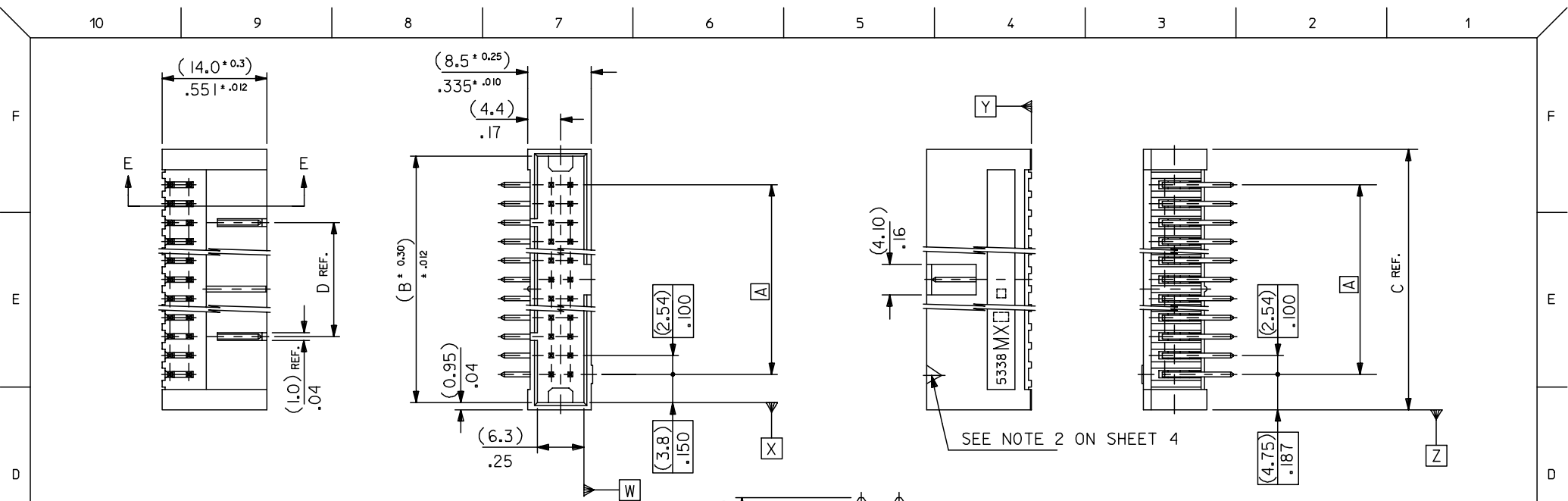
Material Info

Reference - Drawing Numbers
Sales Drawing

SDA-90572

This document was generated on 06/08/2010

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DETAIL A
DIMENSIONS FOR SELECTIVE
PLATING'S, SCALE 4:1

- NOTES:
- 1: FOR MATERIAL SPECIFICATION SEE NOTE 1. ON SHEET 4.
 - 2: FOR RECOMMENDED P.C.B.HOLE PATTERN, PART NOTS AND UNSTATED DIMENSIONS SEE SHEET 4.
 - 3: PRODUCT SPEC. No. : PS-99020-0015.

MEASURE POINT FOR GOLD PLATING THICKNESS TYP.

SECT. E-E (SCALE 3-1)

SEE DETAIL A

CORRECTED PS EC NO: E2008-0129 DRWN:DBYRNES 2007/09/13 CHKD: 2007/09/13 APPR:EOMAHONY 2007/09/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\triangle=0$	<table border="1"> <tr> <th></th> <th>MM</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>\pm---</td> <td>\pm---</td> </tr> <tr> <td>3 PLACES</td> <td>\pm---</td> <td>\pm.008</td> </tr> <tr> <td>2 PLACES</td> <td>\pm0.20</td> <td>\pm.008</td> </tr> <tr> <td>1 PLACE</td> <td>\pm0.20</td> <td>\pm---</td> </tr> </table>		MM	INCH	4 PLACES	\pm ---	\pm ---	3 PLACES	\pm ---	\pm .008	2 PLACES	\pm 0.20	\pm .008	1 PLACE	\pm 0.20	\pm ---	MM/IN	2:1	METRIC	
		MM	INCH																		
	4 PLACES	\pm ---	\pm ---																		
3 PLACES	\pm ---	\pm .008																			
2 PLACES	\pm 0.20	\pm .008																			
1 PLACE	\pm 0.20	\pm ---																			
DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	<table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> <td>TITLE</td> </tr> <tr> <td>POB</td> <td>1990/09/17</td> <td>QIK FLECS RIGHT ANGLE HEADER FOR IMPROVED WIPE FEMALE</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> <td></td> </tr> </table>	DRAWN BY	DATE	TITLE	POB	1990/09/17	QIK FLECS RIGHT ANGLE HEADER FOR IMPROVED WIPE FEMALE	CHECKED BY	DATE		APPROVED BY	DATE		MOLEX INCORPORATED						
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REV			MATERIAL NO.	DOCUMENT NO.	SHEET NO.																
			ENTER PART	SDA-90572	3 OF 4																
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		

