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Part Number:

0905712302

Status:

Active

Description:

2.54mm (.100") Pitch QF-50™ Header, Vertical, Dual Row, Shrouded, DIN Keying, 30 Circuits, 0.76 µm Gold (Au)



Series

image - Reference only

Documents:

[Drawing \(PDF\)](#)

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Ribbon Cable / Wire Trap Connectors
Series	90571
Comments	Eject Levers
Component Type	PCB Header
Glow-Wire Compliant	No
Product Name	QF-50™

Physical

Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	300
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
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: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Closed Ends
Stackable	Yes
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

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

90571Series

Mates With

90635 QF-50™ Female Housing

Electrical

Current - Maximum per Contact	1A
Voltage - Maximum	250V

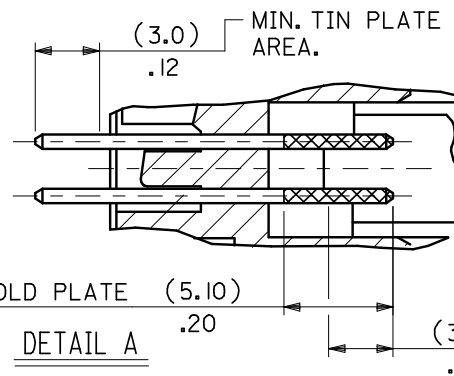
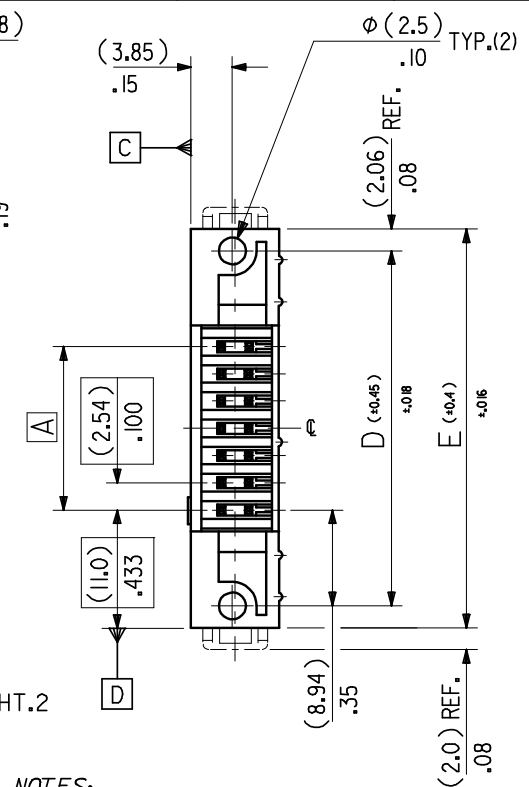
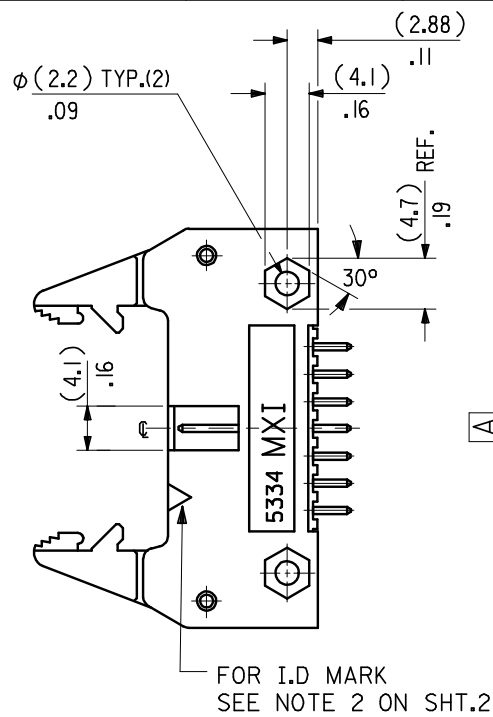
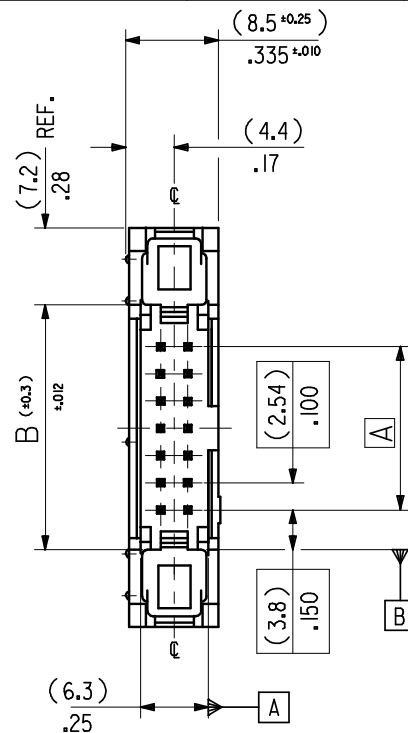
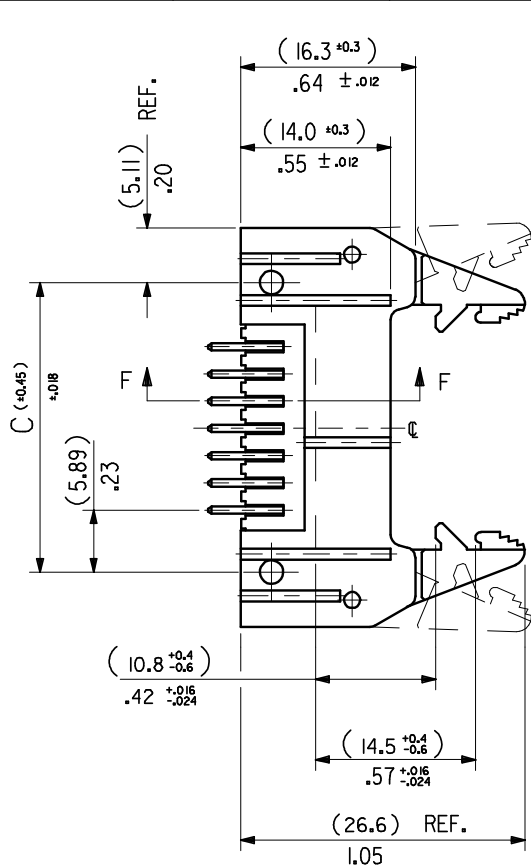
Material Info

Reference - Drawing Numbers

Sales Drawing	SDA-90571
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This document was generated on 06/08/2010

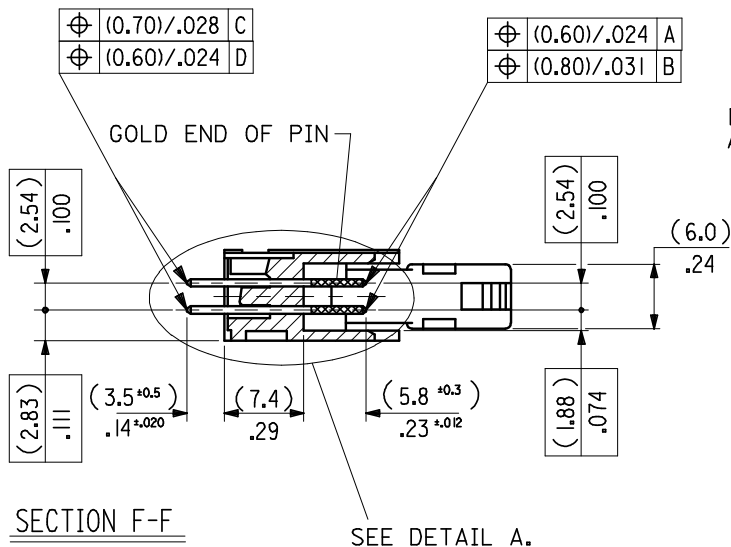
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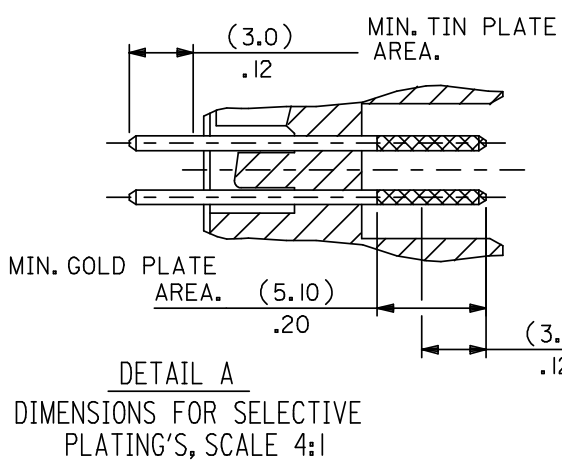
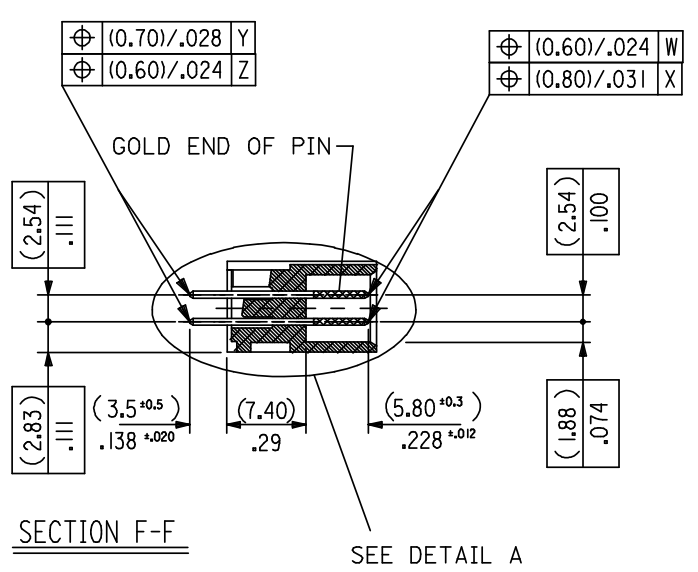
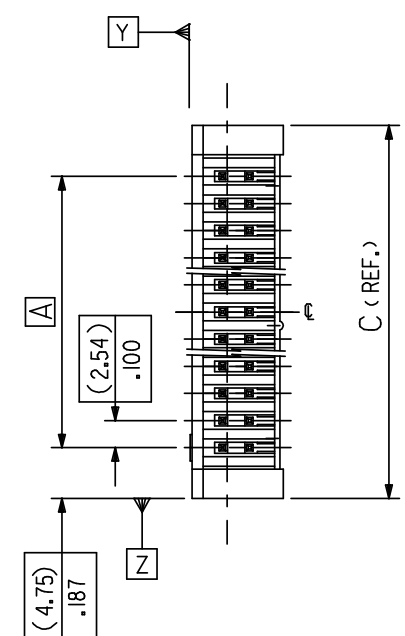
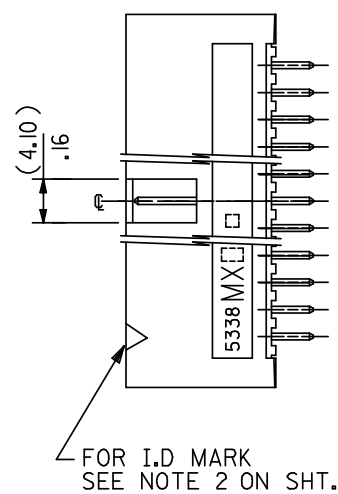
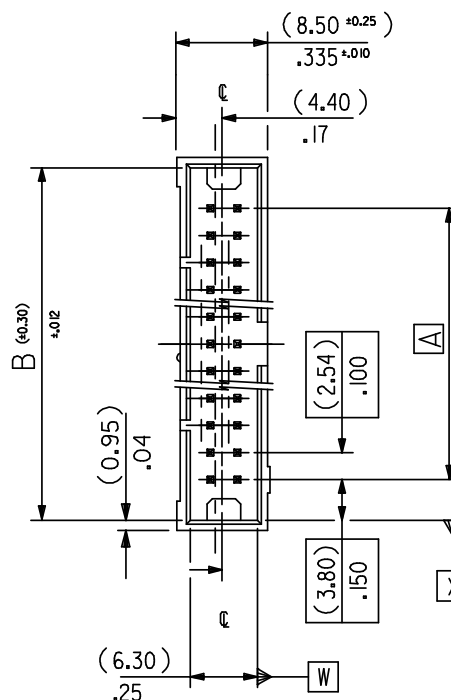
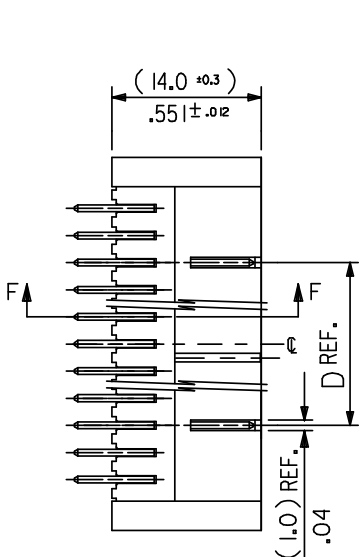
DIMENSIONS FOR SELECTIVE PLATING'S, SCALE 4:1

NOTES:

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



CHANGED GEN TOL.		EC NO: E2008-0461		2008/03/05		2008/03/06		2008/03/06		2008/03/06					
DRWN: LK/ERNAN		CHKD:		APPR: BMAGUIRE											
REV		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
				 =				DRAWN BY DATE		TITLE					
				 =				SM 3 /8/90		QIK FLECS					
						4 PLACES ± --- ±		CHECKED BY DATE		WIPE FEMALE					
						3 PLACES ± ±		X							
						2 PLACES ± 0.15 ± .005		APPROVED BY DATE		MOLEX MOLEX INCORPORATED					
						1 PLACE ± 0.02 ± .008		X							
						ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SDA-90571				1 OF 4	
								SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



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

CHANGED GEN TOL.				QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
EC NO: E2008-0461 DRWN: LK/ERNAN 2008/03/05 CHKD: 2008/03/06 APPR: BWAGUIRE 2008/03/06				▽ = ▽C =		mm INCH		DRAWN BY DATE		TITLE QIK FLECS HEADER FOR IMPROVED WIPE FEMALE					
						4 PLACES ± --- ±		SM 3/8/90							
						3 PLACES ± ±		CHECKED BY DATE							
						2 PLACES ± 0.15 ± .005		APPROVED BY DATE		MOLEX MOLEX INCORPORATED					
						1 PLACE ± 0.20 ± .008									
REV				ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-90571				SHEET NO. 3 OF 4	
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

