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Part Number:

0905712341

Status:

Active

Description:

2.54mm (.100") Pitch QF-50™ Header, Vertical, Dual Row, Shrouded, DIN Keying, 34 Circuits, 0.1 μm Gold (Au)



Series

image - Reference only

Documents:

- [3D Model](#)
- [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)	34
Circuits (maximum)	34
Color - Resin	Black
Durability (mating cycles max)	50
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)	4
Plating min: Mating (μm)	0.1
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

EU RoHS

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

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.

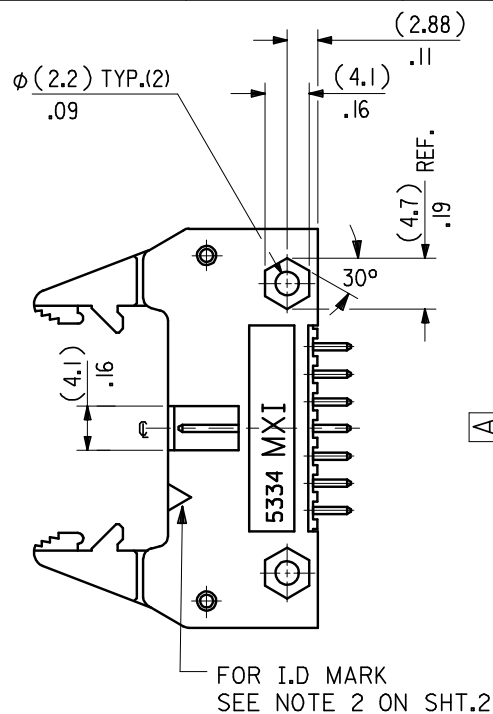
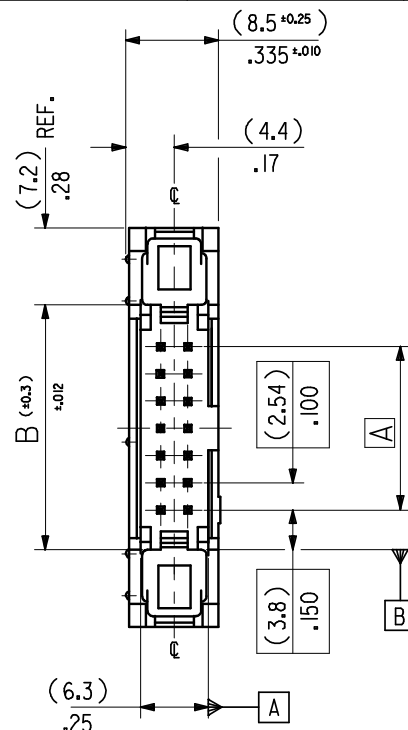
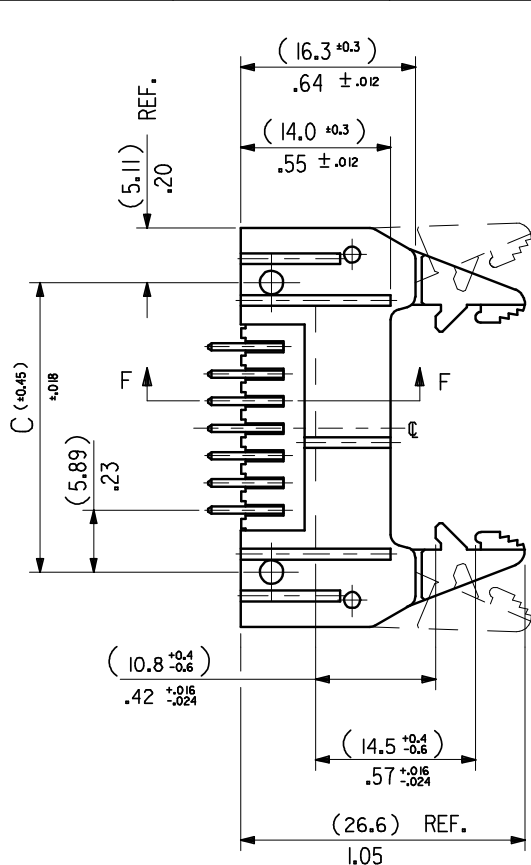
Search Parts in this Series
90571Series

Mates With
90635 QF-50™ Female Housing

Wire/Cable Type	Ribbon Cable
Electrical	
Current - Maximum per Contact	1A
Voltage - Maximum	250V
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SDA-90571

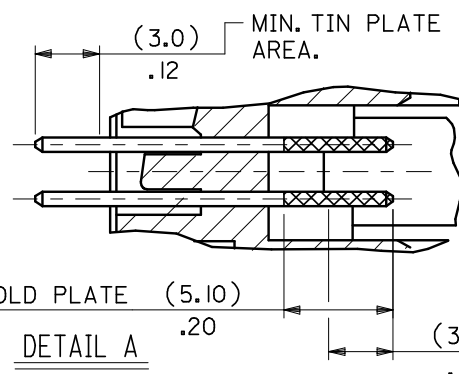
This document was generated on 06/08/2010

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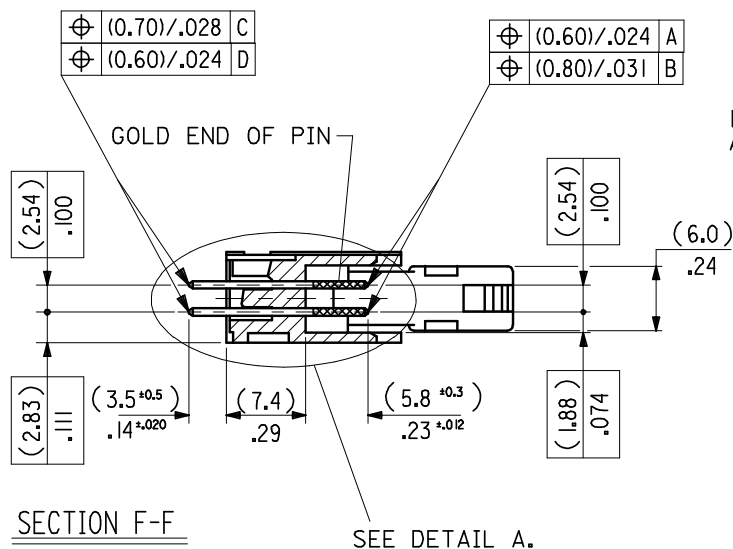


NOTES:

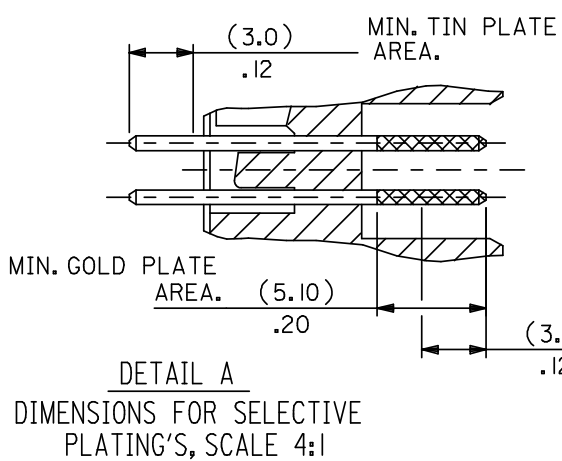
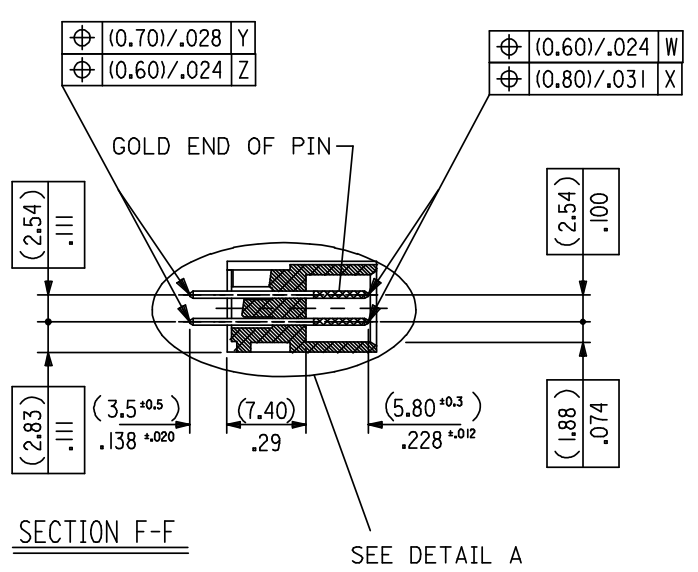
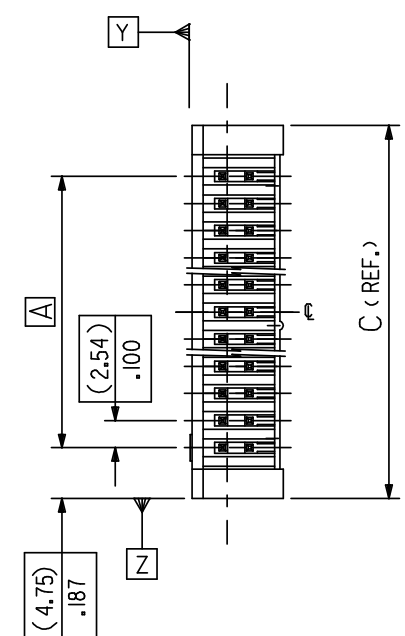
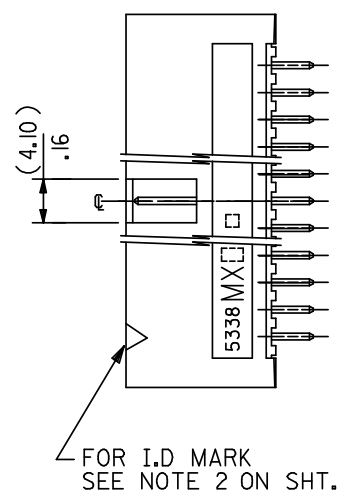
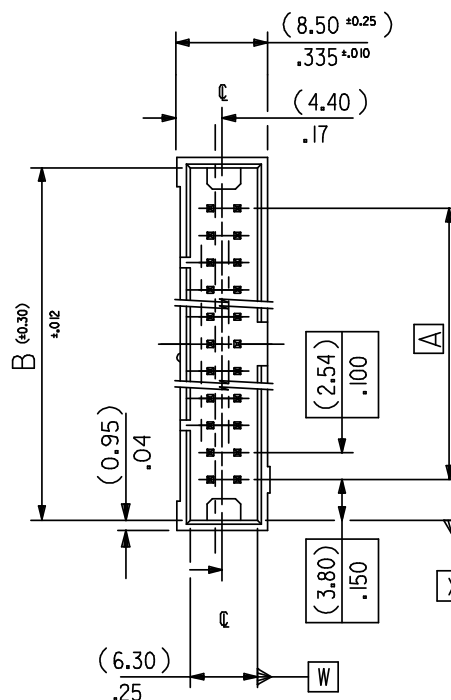
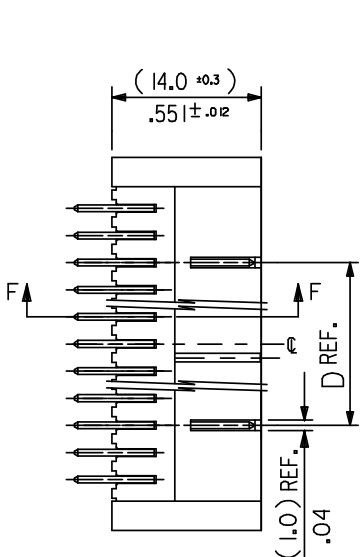
- 1: FOR MATERIAL SPECIFICATION SEE NOTE 1. ON SHEET 2.
- 2: FOR RECOMMENDED P.C.B.HOLE PATTERN, PART No's AND UNSTATED DIMENSIONS SEE SHEET 2.
- 3: PRODUCT SPEC. No. :PS 99020-0015



DIMENSIONS FOR SELECTIVE PLATING'S, SCALE 4:1



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



- 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 =				DRAWN BY DATE		TITLE QIK FLECS HEADER FOR IMPROVED WIPE FEMALE											
								SM 3/8/90													
								CHECKED BY DATE		MOLEX INCORPORATED											
								APPROVED BY DATE								DOCUMENT NO. SDA-90571					
		ANGULAR ±1/2°		MATERIAL NO.																	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART																	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

