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Part Number: [0905722101](#)
Status: **Active**
Description: 2.54mm (.100") Pitch QF-50™ Header, Right Angle, Dual Row, Shrouded, DIN Keying, with Latch/Eject Levers, 10 Circuits, 0.1 µm Gold (Au)

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)	10
Circuits (maximum)	10
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	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	Yes
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



Series
image - Reference only

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
[90572Series](#)

Mates With
[90635 QF-50™ Female Housing](#)

Electrical

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

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
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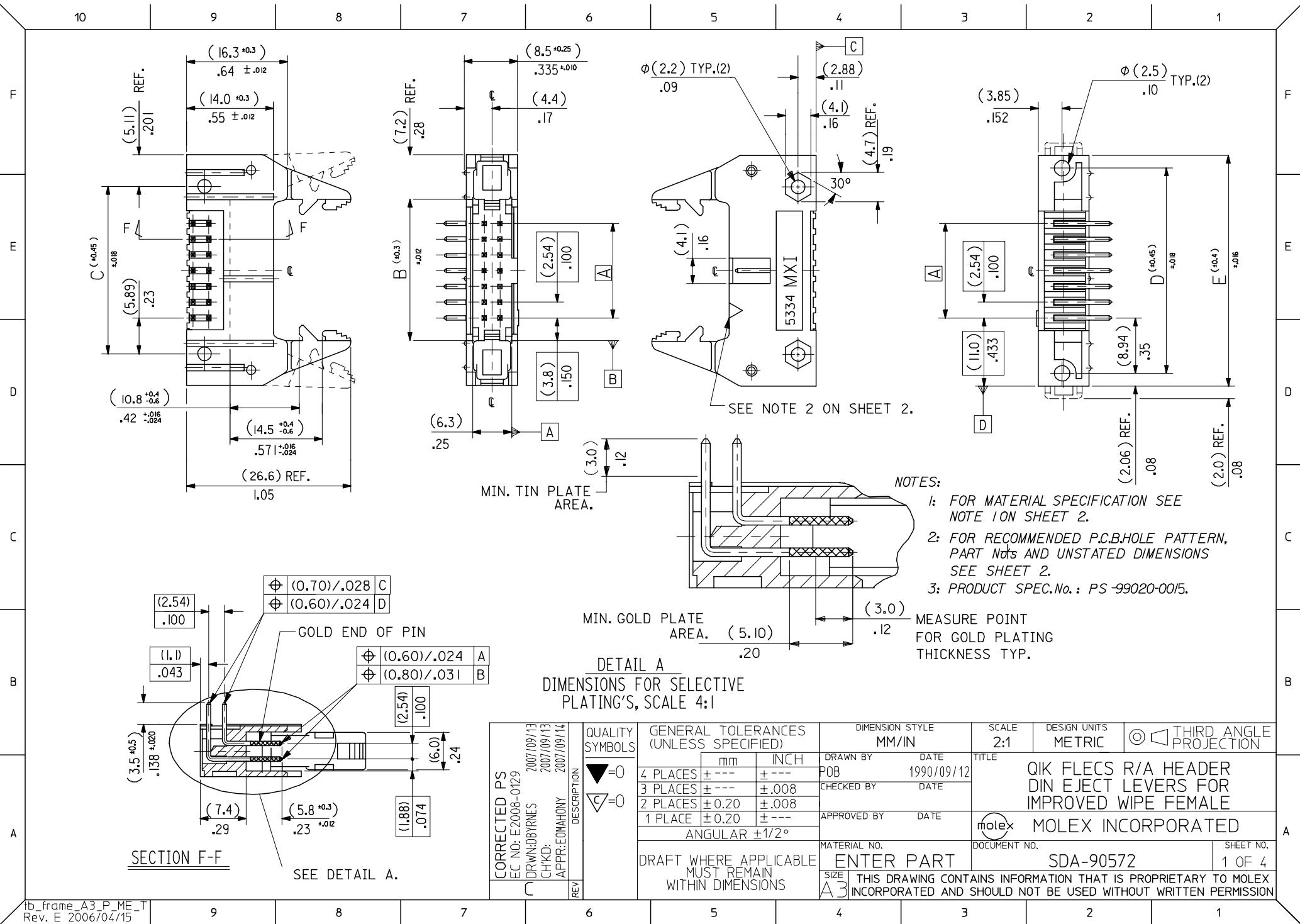
Material Info

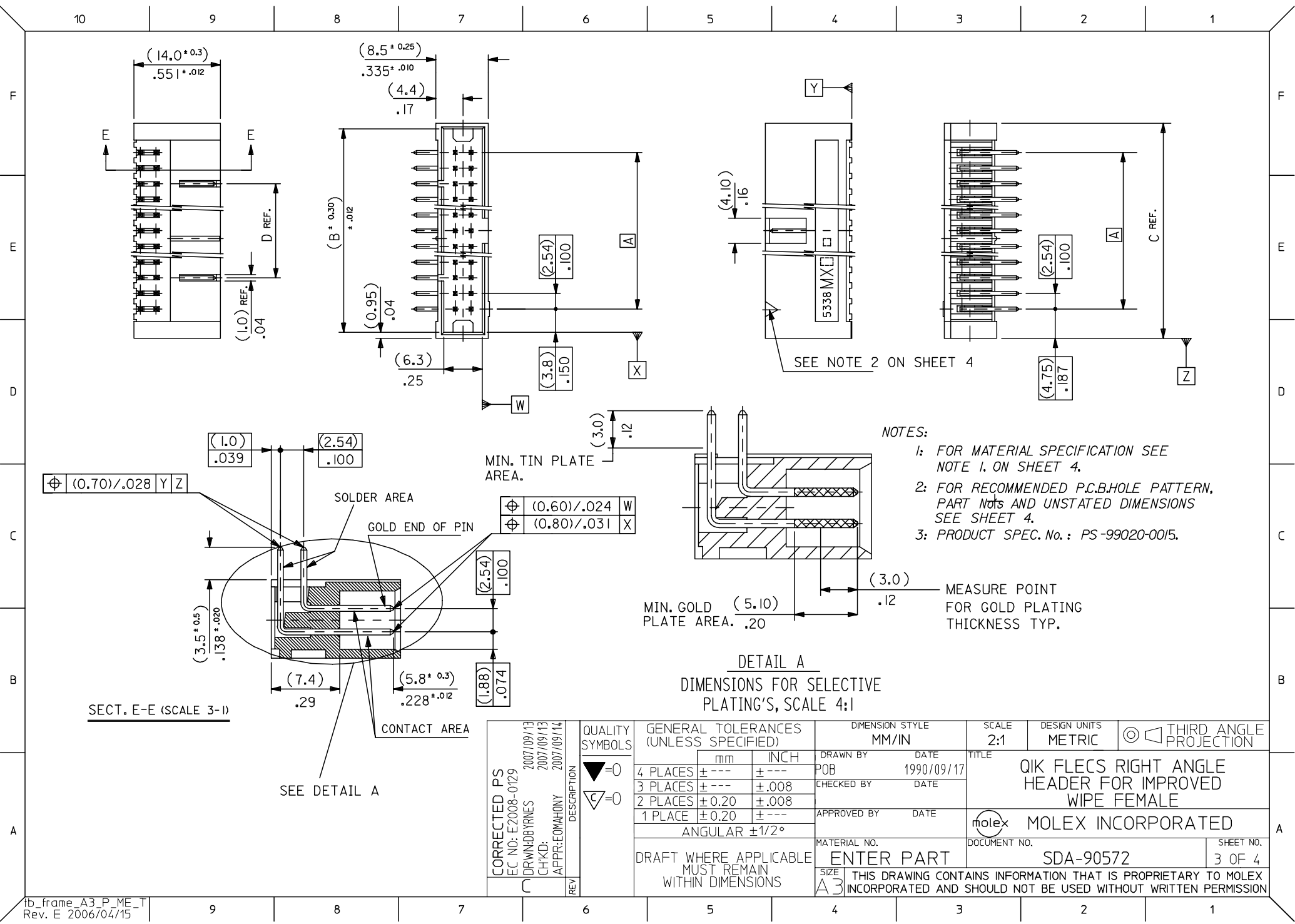
Reference - Drawing Numbers

Sales Drawing	SDA-90572
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NOTES:

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

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

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

