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Part Number: [0556386019](#)
Status: **Contact Molex**
Overview: [qf50](#)
Description: 2.54mm (.100") Pitch QF-50™ Flat Ribbon Cable Header, Dual Row, Right Angle, Shrouded Header with Eject Levers, 60 Circuits, Side MatingKeys, Lead-free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-54559-005 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55638
Application	Wire-to-Board
Overview	qf50
Product Name	QF-50™

Physical

Breakaway	No
Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	500
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Locator	No
PCB Retention	Yes
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
Plating min: Mating (µin)	12
Plating min: Mating (µm)	0.3
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1A
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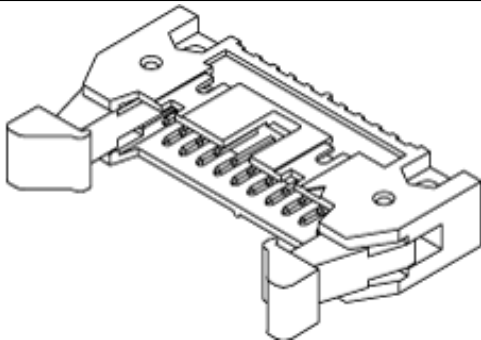


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

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

[55638Series](#)

Mates With

[54559](#) QF-50™ Flat Cable Receptacle
Housing

Voltage - Maximum

300V

Material Info

Reference - Drawing Numbers

Product Specification

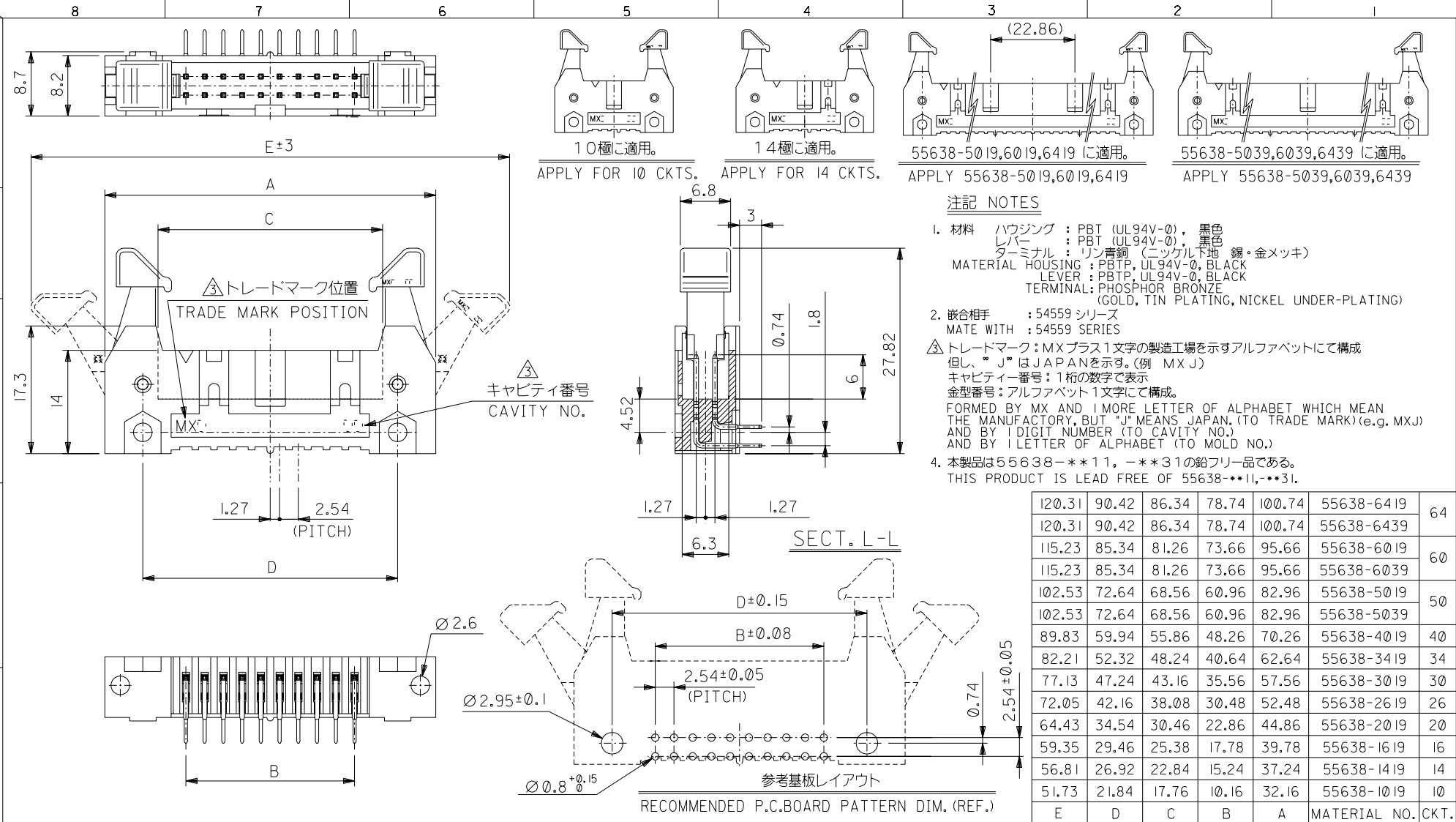
PS-54559-005, RPS-54559-017

Sales Drawing

SD-55638-003

This document was generated on 06/02/2010

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EC NO. DRWN: CH'K: APPR:			EC NO. DRWN: CH'K: APPR:			EC NO. DRWN: CH'K: APPR:			EC NO. DRWN: CH'K: APPR:			RELEASED EC NO. J2004-36.13 DRWN: Y.WADA '04/04/06 CH'K: M.SASAO '04/04/06 APPR: M.SASAO '04/04/06			DESCRIPTION			MATERIAL 材料 SEE NOTES			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE 2 : 1			DESIGN UNITS ☒ mm ☐ INCH			THIRD ANGLE PROJECTION			☐ mm INCH ☐ mm ONLY			REVISE ON CAD ONLY					
															FINISH 仕上り SEE NOTES			10 UNDER 未満			±0.2			DRAWN BY & DATE Y.WADA '04/04/06			TITLE: 2.54 mm FLAT CABLE CONN. HEADER ASS'Y(R/A TYPE) -LEAD FREE-														
															30 OVER 以上			±0.25			CHECKED BY & DATE M.SASAO '04/04/06																				
															30 OVER 以上			±0.3			APPROVED BY & DATE M.SASAO '04/04/06			MOLEX INCORPORATED																	
															WIRE RANGE 適用電線範囲			—//—			ANGLE 角度			±3°			CAD FILENAME SD-55638-003.S01			MATERIAL NO. SEE CHART			DRAWING NO. SD-55638-003			SHEET NO. 1 OF 1					
															INS. RANGE 被覆外径			—//—									THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.												SIZE B		