

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0545601401](#)
Status: **Active**
Overview: [qf50](#)
Description: 2.54mm (0.100") Pitch QF-50™ Flat Ribbon Cable Receptacle Upper Housing, 14 Circuits

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-54559-005 \(PDF\)](#)
[Product Specification PS-54559-004 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Accessories
Series	54560
Application Tooling Part Link	572525000
Application Tooling Part Link	572527000
Component Type	Housing
Overview	qf50
Product Name	QF-50™

Physical

Circuits (Loaded)	14
Color - Resin	Black
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Tray
Temperature Range - Operating	-40°C to +85°C

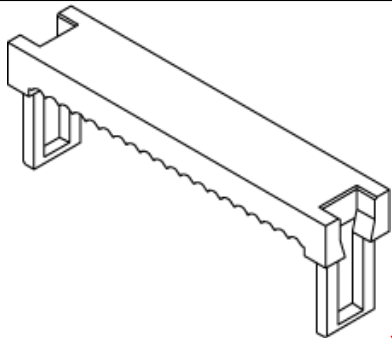
Electrical

Current - Maximum per Contact	1A
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Material Info

Reference - Drawing Numbers

Product Specification	PS-54559-004, PS-54559-005, RPS-54559-008, RPS-54559-010, RPS-54559-012, RPS-54559-014, RPS-54559-015, RPS-54559-016, RPS-54559-017
Sales Drawing	SD-54560-002, SD-54561-002



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

China RoHS



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

[54560Series](#)

Use With

[54561](#) Strain Relief, [54559](#) Receptacle
Housing

Application Tooling | FAQ

*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Japan

Description	Product #
IDT Hand Tool Assembly For MIL Connector	0572525000
IDT Machine For MIL IDT Connector	0572527000

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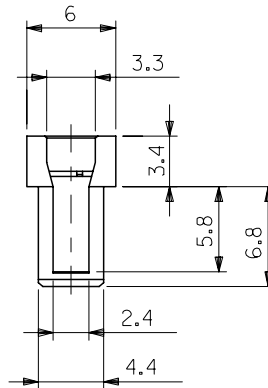
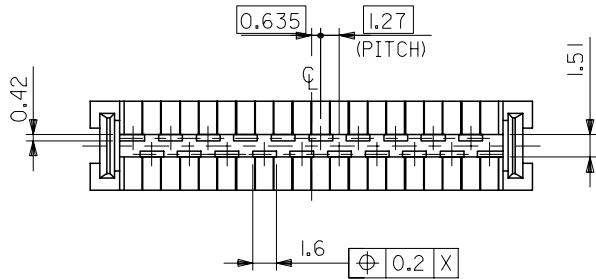
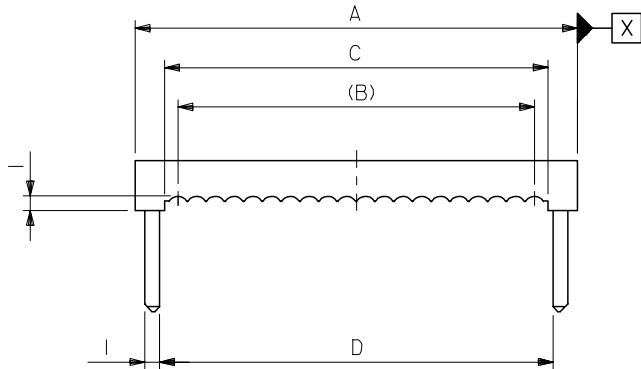
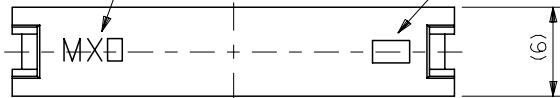
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△トレードマーク
TRADE MARK

△キャビティ番号、金型番号
CAVITY NO. & MOLD NO.



注記
NOTES

1. 適合ハウジングアッセンブリ : 54559-***I, 54559-***4I
APPLICABLE UPPER HSG ASS'Y : 54559-***I, 54559-***4I
適合ストレイナリリーフ : 54561-****
APPLICABLE STRAIN RELEASE : 54561-***0I
- △ トレードマーク : MX プラス 製造工場を示すアルファベットにて構成
但し、* J* は JAPAN を示す。(例 MX J)
キャビティ番号 : 数字で表示。
金型番号 : アルファベットにて構成。
FORMED BY MX AND ALPHABET WHICH MEAN
THE MANUFACTORY, BUT *J* MEANS JAPAN. (TO TRADE MARK)
(e.g. MXJ)
AND BY NUMBERS (TO CAVITY NO.)
AND BY ALPHABET (TO MOLD NO.)

82.51	81.48	80.01	85.85	54560-640I	64
77.43	76.4	74.93	80.77	54560-600I	60
64.73	63.7	62.23	68.07	54560-500I	50
52.03	51	49.53	55.37	54560-400I	40
44.41	43.38	41.91	47.75	54560-340I	34
39.33	38.3	36.83	42.67	54560-300I	30
34.25	33.22	31.75	37.59	54560-260I	26
26.63	25.6	24.13	29.97	54560-200I	20
21.55	20.52	19.05	24.89	54560-160I	16
19.01	17.98	16.51	22.35	54560-140I	14
13.93	12.9	11.43	17.27	54560-100I	10
D	C	B	A	MATERIAL NO.	CKT.

MATERIAL

PBT, UL94V-0 (黒色)
(COLOR : BLACK)

REVISED EC NO: J2007-2853 DRAWN: NABEI CHKD: YMAEDA APPR: NUKITA	2007/04/13 2007/04/13 2007/04/13	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
					MM ONLY		3:1	METRIC				
			10 UNDER	±0.2	DRAWN BY	DATE	TITLE 2.54 FLAT CABLE CONN UPPER HSG					
			10 OVER 30 UNDER	±0.25	CHECKED BY	DATE						
			30 OVER	±0.3	APPROVED BY	DATE	MOLEX INCORPORATED					
			ANGULAR	±3 °	T. YAMAGUCHI	'03/08/06						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
SEE CHART		SD-54560-002				1 OF 1						
		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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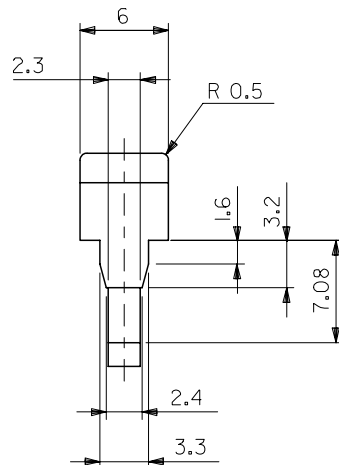
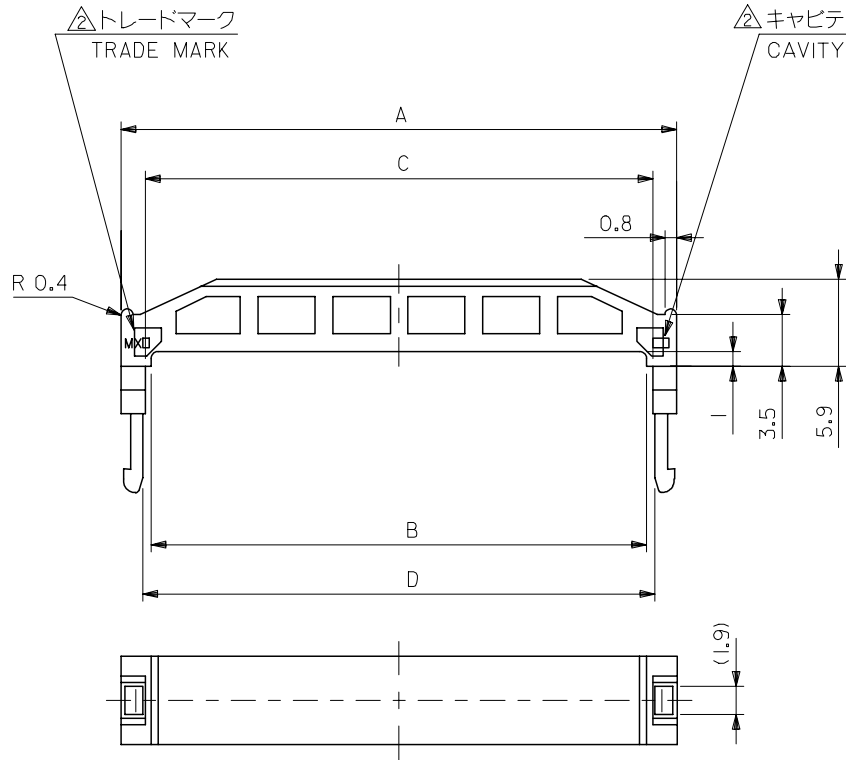
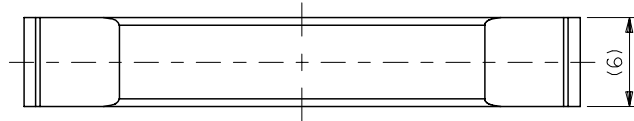
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注記
NOTES

- I. 適合ハウジングアッセンブリ: 54559-**I, 54559-***I
APPLICABLE UPPER HSG ASS'Y : 54559-**I, 54559-***I
適合アッパハウジング: 54560-***I
APPLICABLE STRAIN RELIEF : 54560-***I
- △ トレードマーク: MX プラス 製造工場を示すアルファベットにて構成
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THE MANUFACTORY, BUT *J* MEANS JAPAN. (TO TRADE MARK)
(e.g. MXJ)
AND BY NUMBERS (TO CAVITY NO.)
AND BY ALPHABET (TO MOLD NO.)

82.91	82.61	81.81	85.85	54561-6401	64
77.83	77.53	76.73	80.77	54561-6001	60
65.13	64.83	64.03	68.07	54561-5001	50
52.43	52.13	51.33	55.37	54561-4001	40
44.81	44.51	43.71	47.75	54561-3401	34
39.73	39.43	38.63	42.67	54561-3001	30
34.65	34.05	33.55	37.59	54561-2601	26
27.03	26.73	25.93	29.97	54561-2001	20
21.95	21.65	20.85	24.89	54561-1601	16
19.41	19.11	18.31	22.35	54561-1401	14
14.33	14.03	13.23	17.27	54561-1001	10
D	C	B	A	MATERIAL NO.	CKT.

材料 MATERIAL	PBT , UL94V-0 (黒色) (COLOR BLACK)
仕上げ FINISH	— # —
適用電線範囲 WIRE RANGE	— # —
被覆外径 INS. RANGE	— # —

REVISED	EC NO: J2007-2853	2007/04/13
DRWN:MAE	2007/04/13	
CHKD:YMAEDA		
APPR:NUKITA		
REV	J	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR	± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
SMATSUZAKI	'99/03/04
CHECKED BY	DATE
SKUNISHI	'03/08/06
APPROVED BY	DATE
TYAMAGUCHI	'03/08/06
MATERIAL NO.	
SEE CHART	
SIZE	A3

SCALE	3:1
DESIGN UNITS	METRIC
MODEL NO.	54561-***01
THIRD ANGLE PROJECTION	
2.54 FLAT CABLE CONN REC STRAIN RELIEF	
MOLEX INCORPORATED	
DOCUMENT NO.	SD-54561-002
SHEET NO.	1 OF 1
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