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Part Number: [0533581340](#)
Status: **Active**
Description: 2.00mm (.049") Pitch Mi II™ Wire-to-Wire Adapter, 13 Circuits, Lead-free

Documents:

3D Model	Product Specification PS-53358-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51090-003 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Accessories
Series	53358
Comments	For Panel Mounting
Component Type	Adapter
Product Name	Mi II™

Physical

Circuits (Loaded)	13
Flammability	94V-0
Gender	N/A
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Packaging Type	Bag
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1.00
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1.00
Polarized to Mating Part	Yes
Temperature Range - Operating	-40°C to +105°C

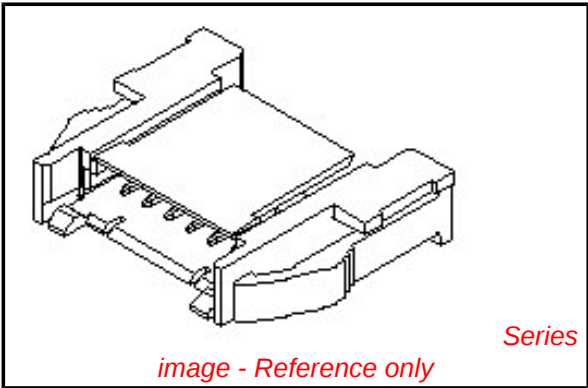
Electrical

Current - Maximum per Contact	2A
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Material Info

Reference - Drawing Numbers

Product Specification	PS-51090-003, PS-53358-001, RPS-53358-001
Sales Drawing	SD-53358-001



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
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.

China RoHS



Search Parts in this Series
[53358Series](#)

Use With
[51090](#) Crimp Housing, [52484](#) IDT Housing

DO NOT SCALE DRAWING

DWG. NO. SD-53358-001

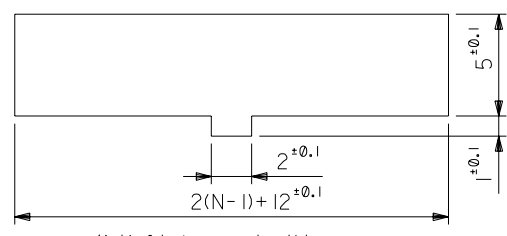
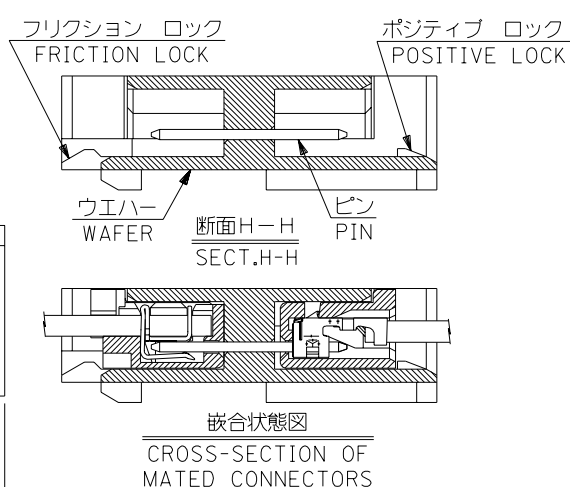
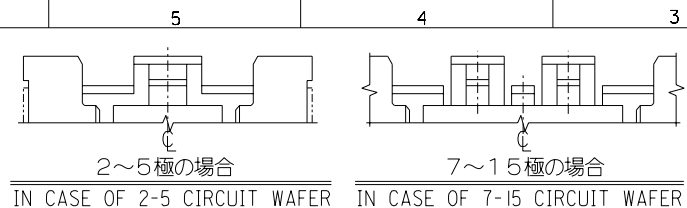
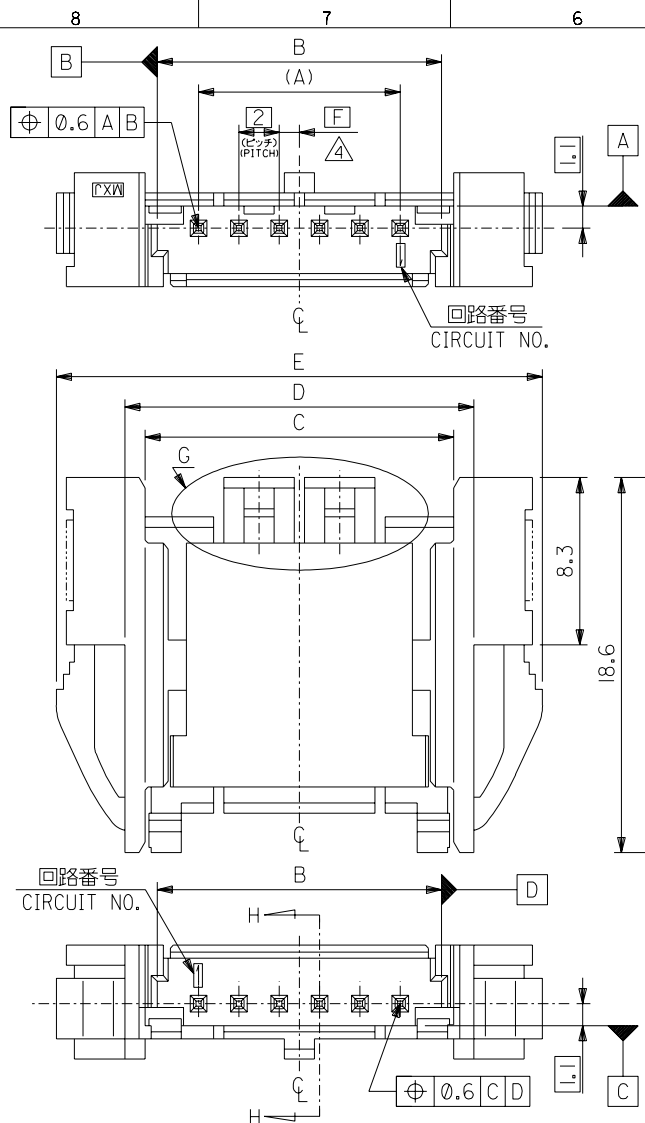
F

D

A

C

B



無鉛 (LEAD FREE)

注記 (NOTES)

- 材料 (MATERIAL)
ウエハー: PBT, UL94V-0
WAFA: PBT, UL94V-0
ピン: 黄銅, スズメッキ (0.5)
PIN: BRASS, TIN PLATED (0.5 SQUARE)
 - 適合圧着ハウジング: 51090-***00
MATING CRIMP RECEPTACLE HOUSING: 51090-***00
 - 適合圧接ハウジング: 52484-***1
MATING IDT RECEPTACLE HOUSING: 52484-***1
- △ B寸法の中心から、隣接するピンの中心までの位置を示す。
THIS DIMENSION SHOWS SPACING BETWEEN CENTER OF PIN AND CENTER OF B DIMENSION.
- 本図は、6 極を示す。
6 CIRCUIT VERSION IS SHOWN IN THIS DRAWING.
 - ハウジングは、パネル打抜き側から挿入すること。
INSERT HOUSING FROM PUNCH SIDE OF PANEL.
 - 色 (COLOR)
53358-***40: 自然色 (WHITE)
53358-***42: 赤色 (RED)
53358-***43: 黄色 (YELLOW)
53358-***44: 青色 (BLUE)

2	42.1	35.3	33.3	32.1	28	53358-154*	15
1	40.1	33.3	31.3	30.1	26	-144*	14
2	38.1	31.3	29.3	28.1	24	-134*	13
1	36.1	29.3	27.3	26.1	22	-124*	12
2	34.1	27.3	25.3	24.1	20	-114*	11
1	32.1	25.3	23.3	22.1	18	-104*	10
2	30.1	23.3	21.3	20.1	16	-094*	9
1	28.1	21.3	19.3	18.1	14	-084*	8
2	26.1	19.3	17.3	16.1	12	-074*	7
1	24.1	17.3	15.3	14.1	10	-064*	6
2	22.1	15.3	13.3	12.1	8	-054*	5
1	20.1	13.3	11.3	10.1	6	-044*	4
2	18.1	11.3	9.3	8.1	4	-034*	3
1	16.1	9.3	7.3	6.1	2	53358-024*	2
F	E	D	C	B	A	ENG. NO.	CKT.

164 NO. DRWN: CH'K: APPR:	163 NO. DRWN: CH'K: APPR:	162 NO. DRWN: CH'K: APPR:	161 NO. DRWN: CH'K: APPR:	RELEASED 160 NO. J2003-1394 DRWN: S.SHBATA '02/11/21 CH'K: T.KANEKO '02/11/21 APPR: YO.IITO '02/11/21	DESCRIPTION REV	MATERIAL 材料 FINISH 仕上げ WIRE RANGE 適用電線範囲 INS. RANGE 被覆外径	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差 10 UNDER 未満 10 OVER 以上 30 UNDER 未満 30 OVER 以上 ANGLE 角度	SCALE DESIGN UNITS mm □ INCH DRAWN BY & DATE S.SHBATA '02/11/21 CHECKED BY & DATE Y.D. '02/11/21 APPROVED BY & DATE Y.D. '02/11/21	DIMENSIONS: mm □ INCH mm ONLY SHT REV	TITLE: 2.0 WIRE TO WIRE CONN. PANEL MOUNT WAFER ASS'Y MOLEX INCORPORATED	CADD FILENAME SD-53358-001.DGN MATERIAL NO. SEE CHART DRAWING NO. SD-53358-001 SHEET NO. 1 OF 1