

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0546791609

Status:

Active

Description:

1.25mm (.049") Pitch Small MGC (Multi-Ground Connector) Panel Mount Receptacle Housing Adapter, Polarizing Key 6.00mm (.236") Left From the Center

Documents:

3D Model

Drawing (PDF)

Product Specification PS-54678-007 (PDF)

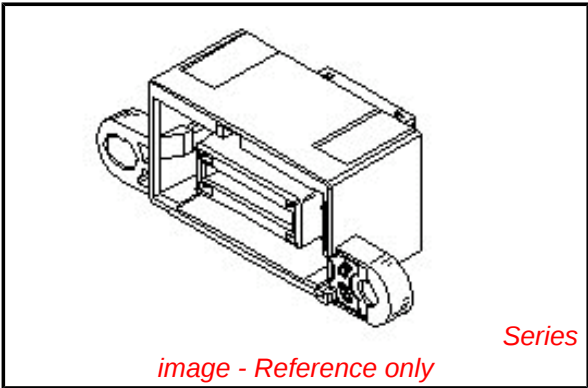
RoHS Certificate of Compliance (PDF)

General	
Product Family	Accessories
Series	54679
Component Type	Adapter
Product Name	Small MGC
Physical	
Circuits (Loaded)	16
Color - Resin	Gray
Gender	Female
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Tray
Plating min: Mating (µin)	4
Plating min: Mating (µm)	0.1
Plating min: Termination (µin)	40
Plating min: Termination (µm)	2
Polarized to Mating Part	Yes
Temperature Range - Operating	-20°C to +80°C
Termination Interface: Style	N/A, Through Hole

Electrical	
Current - Maximum per Contact	1.5A

Material Info

Reference - Drawing Numbers	
Product Specification	PS-54678-007
Sales Drawing	SD-54679-004



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

54679Series

Use With

54596 Series

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DWG. NO.
SD-54679-004

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D

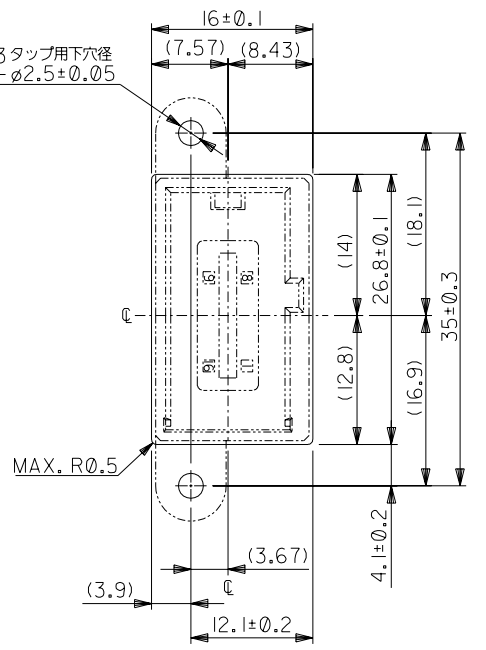
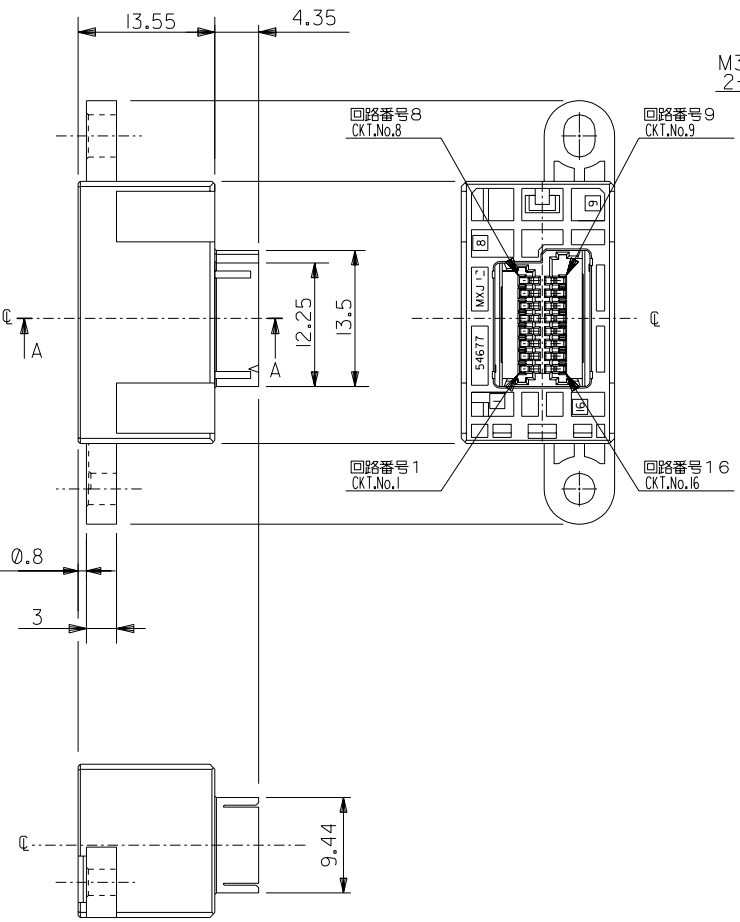
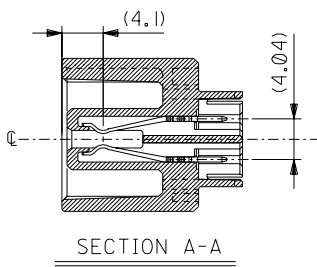
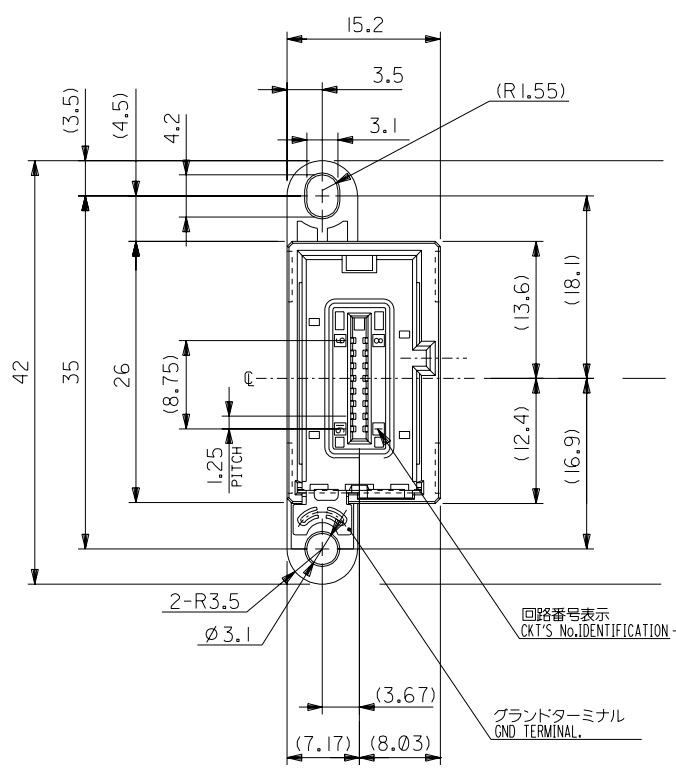
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DO NOT SCALE DRAWING

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	RELEASED EC NO. J2004-3693 DRWN: H.KAWABATA 04/04/08 CHK: K.TOJO 04/04/08 APPR: M.SASAO 04/04/08	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 INCH ☒ mm ONLY	REVISE ON CAD ONLY
						10 UNDER 未満		±0.2	DRAWN BY & DATE H.KAWABATA 04/04/08		TITLE: SMALL MGC PANEL MOUNT REC.HS'G ASS'Y -LEAD FREE-			
						10 OVER 30 UNDER 以上 未満		±0.25	CHECKED BY & DATE K.TOJO 04/04/08					
						30 OVER 以上		±0.3	APPROVED BY & DATE M.SASAO 04/04/08		MOLEX INCORPORATED			
						WIRE RANGE 適用電線範囲	— # —	ANGLE 角度	±3°	CAD FILENAME SD-54679-004.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-54679-004	SHEET NO. 1 OF 2	
0						REV	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



中継取り付けブラケットパネル推奨寸法
RECOMMENDED PANEL OPENING

54679-1639	54679-16*9
54679-1629	
54679-1619	
54679-1609	
MATERIAL NO.	MODEL NO.

DIMENSIONS:	SHT	REV
☐ mm ☐ INCH	☐ mm ONLY	REVISION ON CAD ONLY

MOLEX INCORPORATED

DWG. NO.
SD-54679-004

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DO NOT SCALE DRAWING

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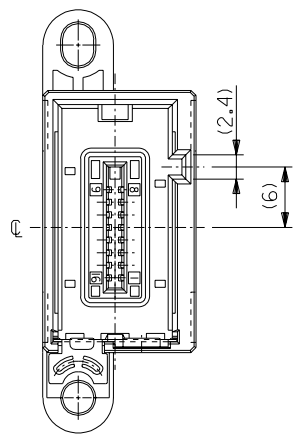
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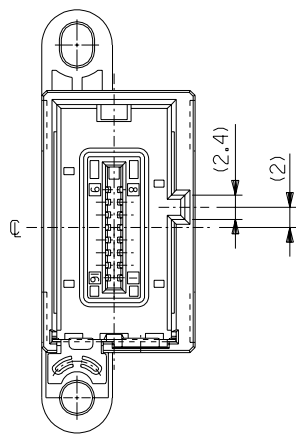
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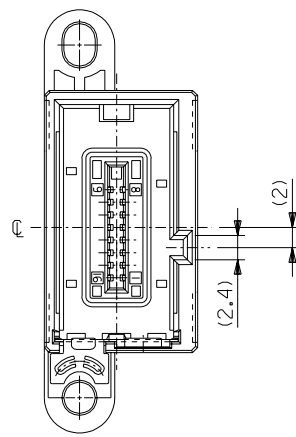
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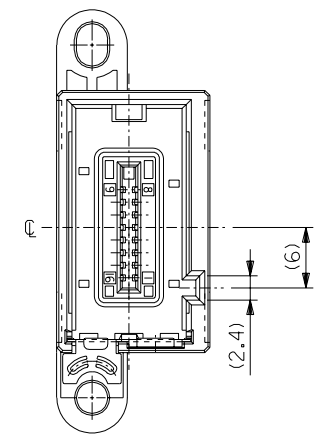
54679-1619



54679-1629



54679-1639



NOTE :

1. 適合リセプタクル (Mini Mil CONNECTOR)
APPLICABLE RECEPTACLE

圧接ハウジングアッセンブリ : 54596シリーズ
: 54596シリーズ
IDT RECEPTACLE HOUSING ASS'Y :54596 SERIES
:54596 SERIES

2. 材質
MATERIAL

ハウジング : ガラス入りPBT, UL94V-0 灰色
HOUSING:PBT,G.F. UL94V-0 GRAY
ターミナル : 燐青銅
TERMINAL:PHOSPHOR BRONZE
グラントターミナル : 燐青銅
GROUND TERMINAL:PHOSPHOR BRONZE

3. メッキ仕様
PLATING

ターミナル
TERMINAL

金メッキ
GOLD

錫メッキ
TIN

半光沢ニッケルメッキ
NICKEL

グラントターミナル
GROUND TERMINAL

錫メッキ
TIN

: 0.1 μ m MIN. (接点部)
: 0.1 MICROMETER MINIMUM.(CONTACT AREA)
: 1.0 μ m MIN. (リセプタクル嵌合部)
: 1.0 MICROMETER MINIMUM.(RECEPTACLE CONNECTED AREA)
: 2.0 μ m MIN. (下地メッキ)
: 2.0 MICROMETER MINIMUM.(UNDER PLATING)
: 0.9 μ m MIN. (リフローメッキ)
: 0.9 MICROMETER MINIMUM.(REFLOW TREATMENT)

EC NO. DRWN: CHK'g: APPR:	EC NO. DRWN: CHK'g: APPR:	EC NO. DRWN: CHK'g: APPR:	EC NO. DRWN: CHK'g: APPR:	EC NO. DRWN: CHK'g: APPR:	DESCRIPTION	MATERIAL 材料	— # —	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY	SHT	REV	
										REVISE ON CAD ONLY					
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						10 OVER 以上 30 UNDER 未満		±0.25	CHECKED BY & DATE K.TOJO '04/04/08						
						30 OVER 以上	±0.3	APPROVED BY & DATE M.SASAO '04/04/08		MOLEX MOLEX INCORPORATED					
						WIRE RANGE 適用電線範囲	— # —	ANGLE 角度	±3°	CAD FILENAME SD-54679-004.S02	MATERIAL NO. SEE CHART	DRAWING NO. SD-54679-004	SHEET NO. 2 OF 2		
				REV		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	

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