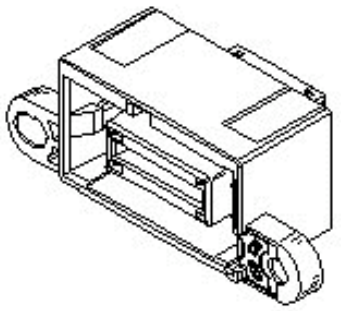
This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0546791619

Status: Active

Description: 1.25mm (.049") Pitch Small MGC (Multi-Ground Connector) Panel Mount Receptacle Housing Adapter, Polarizing Key 2.00mm (.079") Left From the Center



Series image - Reference only

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

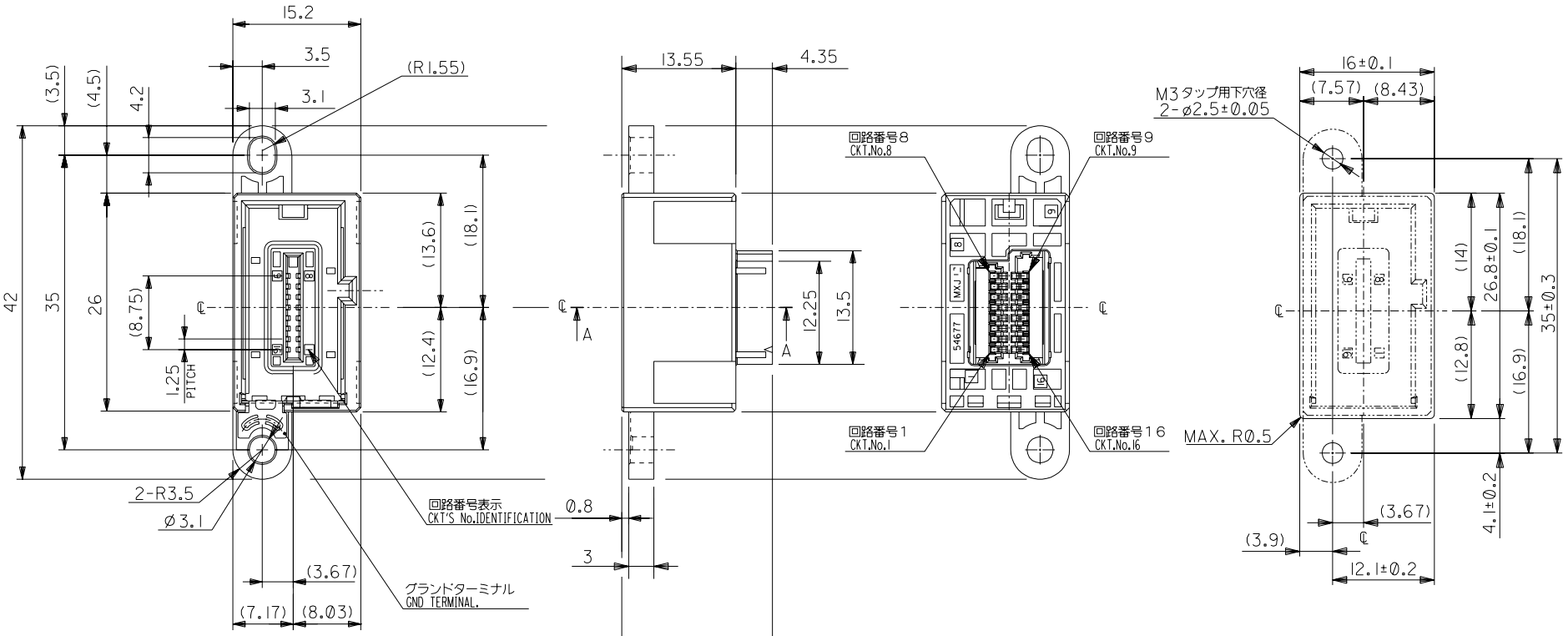
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
54679Series

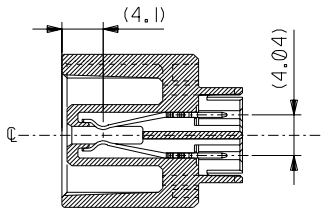
Use With
54596 Series

This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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



SECTION A-A

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

DO NOT SCALE DRAWING

DWG. NO. SD-54679-004

EC NO.	DRWN:	CH'K:	APPR:	DESCRIPTION	REV
J20004-3693	H.KAWABATA '04/04/08	K.TOJOL '04/04/08	M.SASAO '04/04/08	RELEASED	Ø

MATERIAL 材料: SEE NOTES
FINISH 仕上げ: SEE NOTES
WIRE RANGE 適用電線範囲: —#—
INS. RANGE 被覆外径: —#—

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

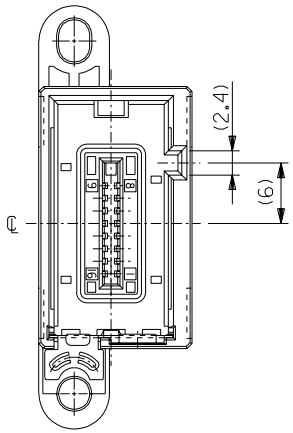
10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE 2:1 | DESIGN UNITS ☒mm ☐INCH | THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV | REVISE ON CAD ONLY
DRAWN BY & DATE H.KAWABATA '04/04/08
CHECKED BY & DATE K.TOJO '04/04/08
APPROVED BY & DATE M.SASAO '04/04/08
TITLE: SMALL MGC PANEL MOUNT REC.HS'G ASS'Y -LEAD FREE-
molex MOLEX INCORPORATED
CAD FILENAME SD-54679-004.S01
MATERIAL NO. SEE CHART
DRAWING NO. SD-54679-004
SHEET NO. 1 OF 2
SIZE B

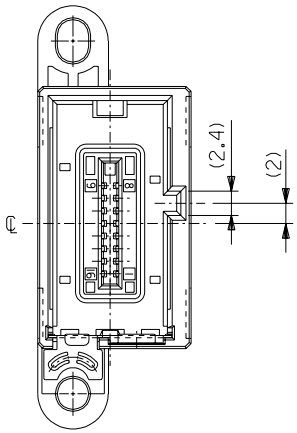
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DWG. NO. SD-54679-004

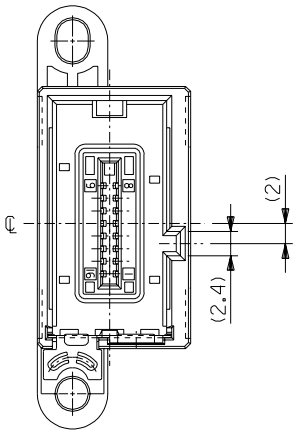
54679-1609



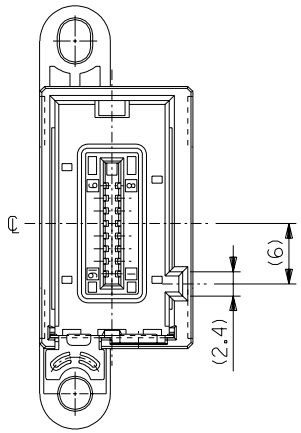
54679-1619



54679-1629



54679-1639



NOTE：

1。適合リセプタクル（Ｍｉｎｉ　Ｍｉ‖　CONNECTOR）
APPRICABLE 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
グランドターミナル：燐青銅
GROUND TERMINAL:PHOSPHOR BRONZE

3。メッキ仕様
PLATING
ターミナル
TERMINAL
金メッキ　：０。１μｍ　ＭＩＮ。（接点部）
GOLD　:0.1 MICROMETER MINIMUM.(CONTACT AREA)
錫メッキ　：１。０μｍ　ＭＩＮ。（リセプタクル嵌合部）
TIN　:1.0 MICROMETER MINIMUM.(RECEPTACLE CONNECTED AREA)
半光沢ニッケルメッキ　：２。０μｍ　ＭＩＮ。（下地メッキ）
NICKEL　:2.0 MICROMETER MINIMUM.(UNDER PLATING)
グランドターミナル
GROUND TERMINAL
錫メッキ　：０。９μｍ　ＭＩＮ。（リフローメッキ）
TIN　:0.9 MICROMETER MINIMUM.(REFLOW TREATMENT)

DO NOT SCALE DRAWING

EC NO.	DRWN:	CH'K:	APPR:
EC NO.	DRWN:	CH'K:	APPR:
EC NO.	DRWN:	CH'K:	APPR:
EC NO.	DRWN:	CH'K:	APPR:
EC NO.	DRWN:	CH'K:	APPR:
∅			

DESCRIPTION
MATERIAL 材料
FINISH 仕上げ
WIRE RANGE 適用電線範囲
REV
INS. RANGE 被覆外径

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上　30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE　角度	±3°

SCALE 2:1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT　REV
REVISE ON CAD ONLY

MODEL NO. 54697-16*9

DRAWN BY & DATE H.KAWABATA '04/04/08
CHECKED BY & DATE K.TOJO '04/04/08
APPROVED BY & DATE M.SASAO '04/04/08
CAD FILENAME SD-54679-004.S02
MATERIAL NO. SEE CHART
DRAWING NO. SD-54679-004
SHEET NO. 2 OF 2

TITLE:
SMALL MGC PANEL MOUNT
REC.HS'G ASS'Y
-LEAD FREE-

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SIZE B