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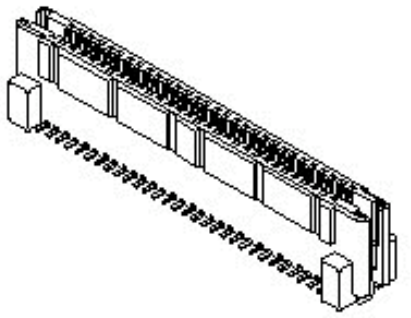
Part Number: 0526020679

Status: Active

Description: 1.00mm (.039") Pitch Receptacle, Dual Row Surface Mount, Vertical Stacking, 12.00 and 20.00mm (.472 and .787") Stacking Heights, 60 Circuits, Lead-free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-52584-003 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	52602
Application	Board-to-Board
Product Name	SlimStack™

Physical

Circuits (Loaded)	60
Durability (mating cycles max)	50
Glow-Wire Compliant	No
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.071 In
PC Tail Length (mm)	1.80 mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness Recommended (in)	0.040 In
PCB Thickness Recommended (mm)	1.00 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers

Product Specification	PS-52584-003, RPS-52584-010
Sales Drawing	SD-52602-001, SD-52602-002

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
52602Series

Mates With
53408

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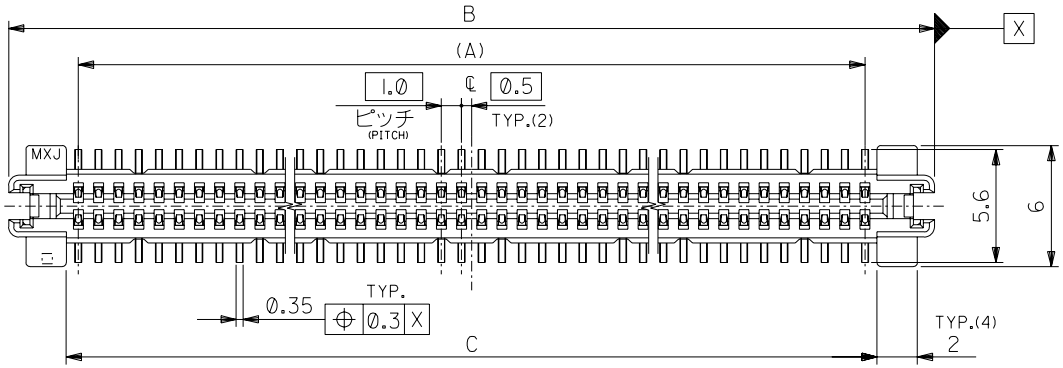
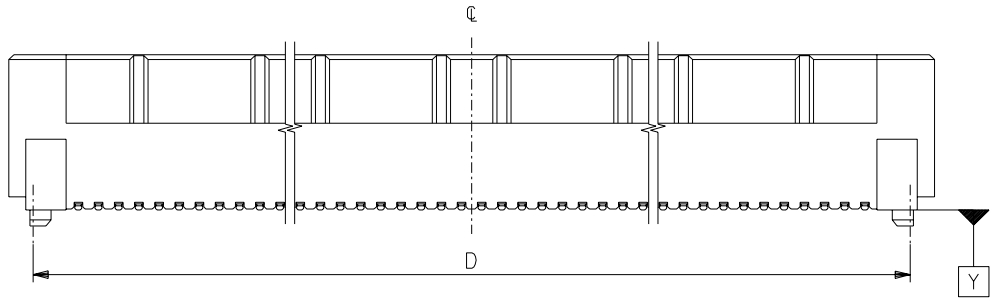
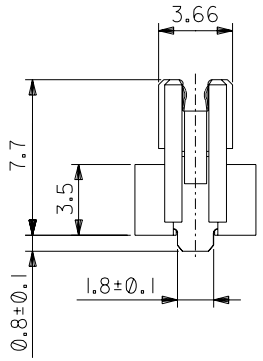






注) NOTES

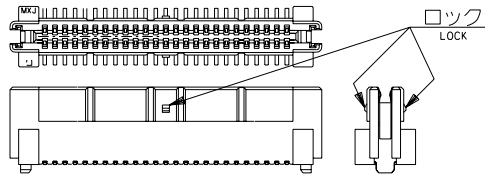
1. 材質
MATERIAL
ハウジング：ガラス入りＬＣＰ、白色、ＵＬ９４Ｖ－０
HOUSING:G.F.LCP.WHITE ,UL94V-0
ターミナル：燐青銅（ｔ＝0.2）
TERMINAL:PHOSPHOR BRONZE

2. メッキ仕様
PLATING
接点部　：金メッキ0.25μm以上
CONTACT AREA:GOLD 0.25μmM I N.
半田付け部：錫メッキ　1.0μm以上
SOLDER TAIL AREA:TIN 1.0μmM I N.
下地メッキ：ニッケルメッキ 2.0μm以上
UNDER-PLATING:NICKEL 2.0μmM I N.

3. 推奨基板厚
RECOMMENDED PCB THICKNESS
1.0±0.1mm　MIN.

4. テールのバラツキ寸法
TAIL COPLANARITY
テールは、Ｙ面を基準とし、上へ 0.02 下へ 0.15 の範囲にあり、且つテール平坦度は 0.15 とする。
TAILS TO BE WITHIN 0.02 UPWARD AND 0.15 DOWNWARD FROM Y-DATUM PLANE, AND TAIL COPLANARITY TO BE 0.15.

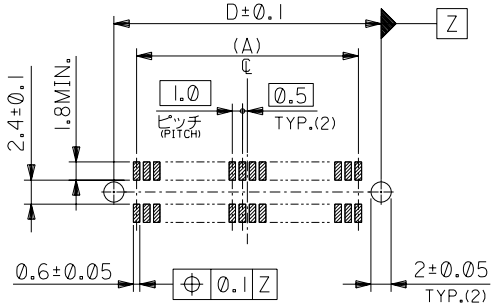
5. ロックは、２４，５０極に設置する。
LOCK TO BE ADDED TO 24 AND 50 CKTS.



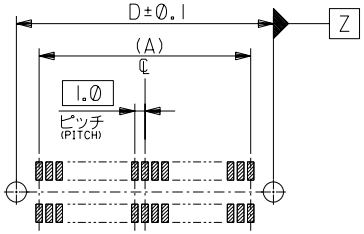
6. 梱包
PACKAGING
本製品はスティック梱包とし梱包後のＭＡＴＥＲＩＡＬ　ＮＯ．は５２６０２－＊＊７９とする。
THIS PRODUCTS TO BE PACKED IN TUBE . MATERIAL NO.:52602-••79

7. 同一基板内に複数個（２ケ以上）の使用は避けてください。
MXJ DOSE NOT RECOMMEND THE USAGE OF TWO OR MORE OF THESE CONNECTORS BETWEEN A SINGLE PAIR OF P.C.BOARD.

8. 本製品は、５２６０２－＊＊＊０の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52602-•••0.



推奨基板寸法（２４，６０，１２０，１４０極）
RECOMMENDED PCB PATTERN LAYOUT (24,60,120,140 CKTS.)



推奨基板寸法（５０極）
RECOMMENDED PCB PATTERN LAYOUT (50 CKTS.)

73.5	70.2	75.9	69	52602-1470	140
63.5	60.2	65.9	59	52602-1270	120
33.5	30.2	35.9	29	52602-0670	60
28.5	25.2	30.9	24	52602-0570	50
15.5	12.2	17.9	11	52602-2470	24
D	C	B	(A)	MATERIAL NO.	極数 NO. OF CIRCUITS

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. J2004-2974 RELEASED '04/03/10
DRWN: Y.SAKIYAMA
CH'K: M.SASAO
APPR: M.SASAO

DESCRIPTION

REV: 0

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°

52602-**70 MODEL NO.

SCALE —//— DESIGN UNITS ☒mm ☐INCH

THIRD ANGLE PROJECTION

DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY

SHT REV

REVISE ON CAD ONLY

DRAWN BY & DATE Y.Sakiyama '04/03/10

CHECKED BY & DATE M.Sasao '04/03/10

APPROVED BY & DATE M.Sasao '04/03/10

TITLE:
1.0 B/B S/T REC. HS'G ASS'Y
-LEAD FREE-

molex MOLEX INCORPORATED

CAD FILENAME SD-52602-001.S01

MATERIAL NO. SEE CHART

DRAWING NO. SD-52602-001

SHEET NO. 1 OF 1

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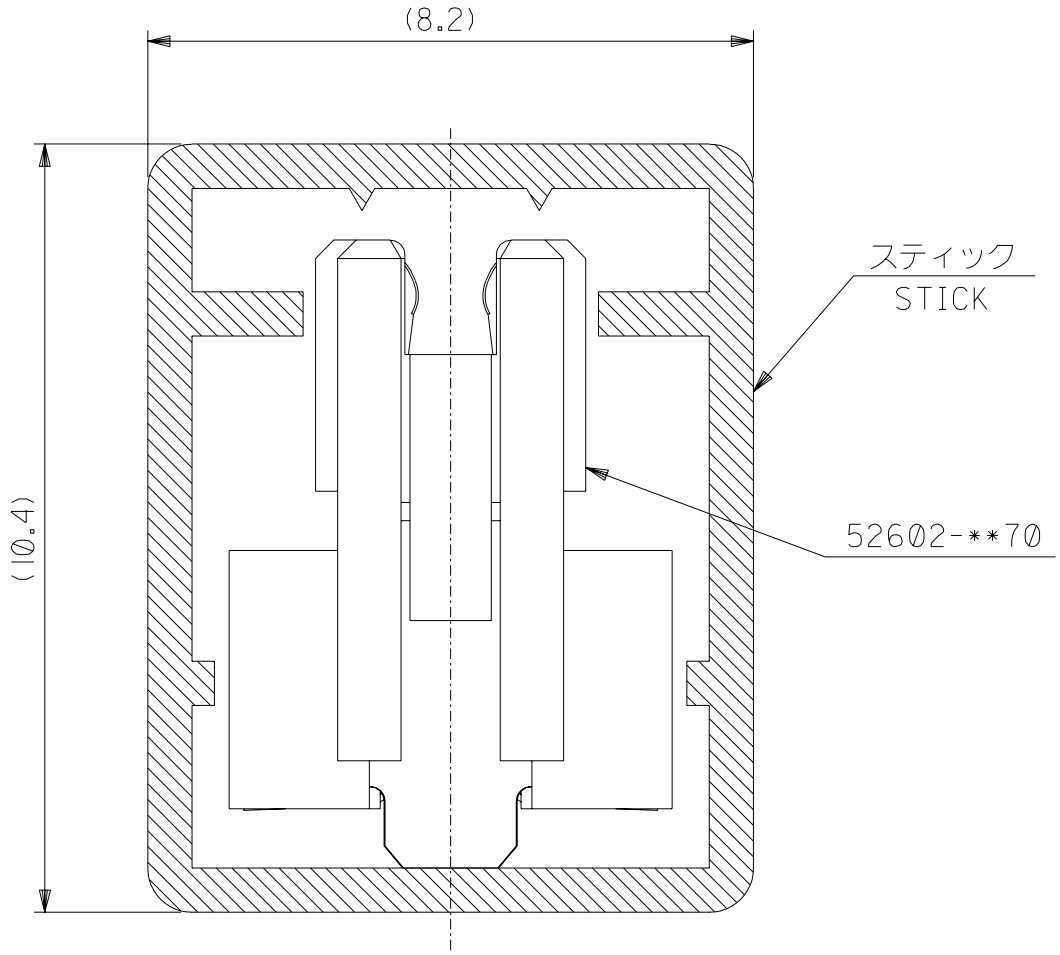
SIZE B

SD-52602-001.S01

EN-02J(097) MXJ-54

DWG. NO.
SD-52602-002



注記
NOTES

1. スティック両端はキャップ止め。
   BOTH ENDS WITH CAPS.
2. 全　長：600±2
   TOTAL LENGTH
3. 肉　厚：0.6±0.2
   THICKNESS
4. 本製品は、52602−***9 の鉛フリー品である。
   THIS PRODUCT IS LEAD FREE OF 52602-***9.

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 OVER 30 未満 UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

梱包数 QUANTITY	MATERIAL NO.	極数 NO. OF CIRCUITS
7	52602-1479	140
8	52602-1279	120
15	52602-0679	60
18	52602-0579	50
31	52602-2479	24
52602-**79	MODEL NO.	

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
0	新規作成 RELEASED (J2004-2974)	Y.S. M.S.	'04/3/10

材料
MATERIAL
スティック：ポリ塩化ビニル
STICK : P.V.C

仕上げ
FINISH —#—

適用電線範囲
WIRE RANGE —#—

被覆外径
INS. RANGE —#—

DRAWN BY '04/03/10 Y. Takeyama
CHK'D BY '04/03/10 M. Sasao
APP'D BY '04/03/10 M. Sasao
尺度 SCALE 10 - 1

MOLEX-JAPAN CO.,LTD.
日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
STICK PACKAGE FOR
52602-**70
-LEAD FREE-

DWG. NO. SD-52602-002
REV 0

SD-52602-002.S01 A

: MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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EN-0IC(032)MX I-33