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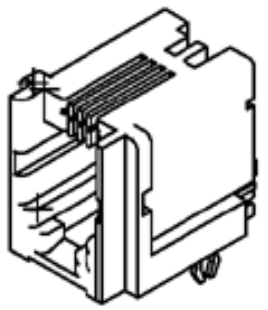
Part Number: 0528304432
Status: Active
Overview: modular_plugs_jacks
Description: Modular Jack, Right Angle, 4/4, 0.76µm (30µ") Gold (Au) Plating, with Beveled Metal Pins, Tray Packaging, Lead-free



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-52830-002 (PDF)
- Product Specification PS-52830-003 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	Modular Jacks/Plugs
Series	52830
Comments	Beveled Metal Pins
Component Type	PCB Jack
Magnetic	No
Overview	modular_plugs_jacks
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ11

Physical

Boot Color	N/A
Color - Resin	Gray
Durability (mating cycles max)	200
Flammability	94V-0
Inverted / Top Latch	No
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.040 In
Pitch - Mating Interface (mm)	1.02 mm
Pitch - Term. Interface (in)	0.040 In
Pitch - Term. Interface (mm)	1.02 mm
Ports	1
Positions / Loaded Contacts	4/4
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
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
52830Series

Mates With
FCC 68 Plugs

Current - Maximum per Contact	1.2A
Shielded	No
Voltage - Maximum	125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-52830-002, PS-52830-003, RPS-52830-001
Sales Drawing	SD-52830-001

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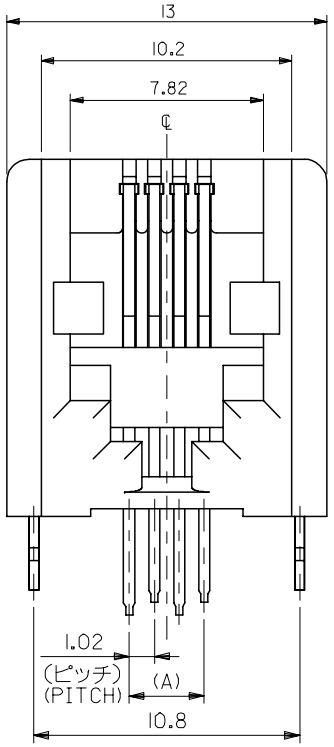

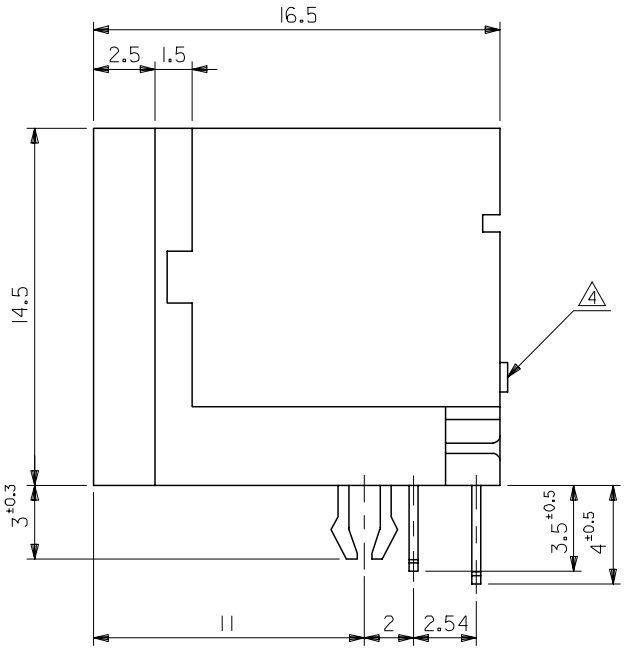

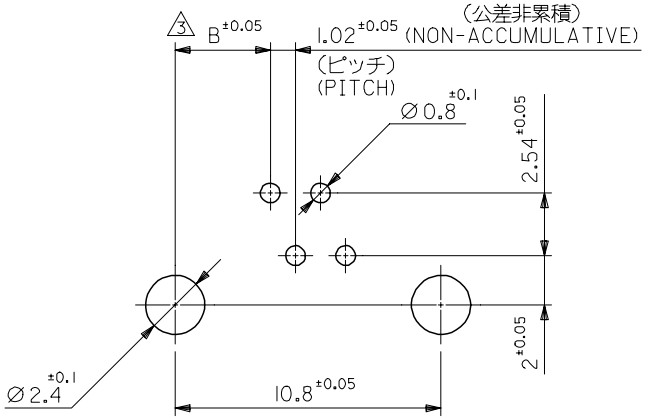

基板穴推奨寸法
(ジャック取り付け側)
RECOMMENDED P.C.B. LAYOUT
(JACK ASS'Y SIDE)

注記
NOTES

1. 材質
MATERIAL
ハウジング：ガラス入りポリエステル　ＵＬ９４Ｖ－０
HOUSING : POLYESTER G.F.15% UL94V-0
ターミナル：リン青銅（ｔ＝０．３８）
TERMINAL : PHOSPHOR BRONZE (t=0.38)
金属ペグ　：リン青銅、錫メッキ（ｔ＝０．４）
METAL PEG : PHOSPHOR BRONZE (t=0.4), PRE-TINNED

2. ターミナルのメッキ仕様
PLATING OF TERMINAL
接点部　　：金メッキ、（表参照）
CONTACT AREA: GOLD, (SEE CHART)
半田付け部：錫メッキ　１．０μｍＭＩＮ．
SOLDER AREA: TIN 1.0 μmMIN.
下地メッキ：ニッケルメッキ　１．０μｍＭＩＮ．
UNDERPLATE : NICKEL 1.0 μmMIN.

3. －４２＊２は、両端の基板穴を除く。
IF PART NO. SUFFIX IS -42*2,
THEN FIRST HOLE NEAREST
Ø2.4 HOLES(EACH END) IS NOT REQUIRED.

4. 金メッキ厚標示
COLOR CODING TO INDICATE GOLD PLATING
黄色：０．１μｍＭＩＮ．
YELLOW : 0.1 μmMIN.
緑色：０．３８μｍＭＩＮ．
GREEN : 0.38 μmMIN.
オレンジ色：０．７６μｍＭＩＮ．
ORANGE : 0.76 μmMIN.
無色：１．２７μｍＭＩＮ．
UNMARKED : 1.27 μmMIN.

5. ハウジングの色は、グレイ。
HOUSING COLOR IS GRAY.

6. 推奨基板厚：ｔ＝１．６±０．０５
RECOMMENDED P.C.B. THICKNESS : 1.6±0.05

7. 本製品は、５２８３０－４＊＊５の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52830-4**5.

POSITION	CIRCUITS	B	(A)	Au PLATING THK. (μmMIN.)	MATERIAL NO.
4	4	3.87	3.05	1.27	52830-4442
				0.76	-4432
				0.38	-4422
				0.1	-4412
4	2	4.89	1.02	1.27	-4242
				0.76	-4232
				0.38	-4222
				0.1	52830-4212

MODEL NO. 52830-4**2

REVISED	EC NO:	DESCRIPTION	DRWN	CHKD	APPR	DATE	REV
	J2006-0419		HYAJIMA	N.UKITA	NUKITA	2005/11/02 2005/11/07 2005/11/10	A

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	SCALE: 5:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: Y.SAKIYAMA	DATE: '04/02/10		
CHECKED BY: M.SASAO	DATE: '04/02/10		
APPROVED BY: M.SASAO	DATE: '04/02/10		
MATERIAL NO.: SEE CHART	DOCUMENT NO.: SD-52830-001	SHEET NO.: 1 OF 1	

TITLE: BOTTOM LATCH MODULAR JACK HOUSING ASS'Y -LEAD FREE-

molex MOLEX INCORPORATED

SIZE A3

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