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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

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-52830-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-52830-002 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E107635

**General**

Product Family	Modular Jacks/Plugs
Series	<a href="#">52830</a>
Comments	Beveled Metal Pins
Component Type	PCB Jack
Magnetic	No
Overview	<a href="#">modular_plugs_jacks</a>
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**

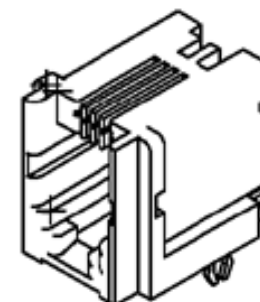


image - Reference only

Series

**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](mailto: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**

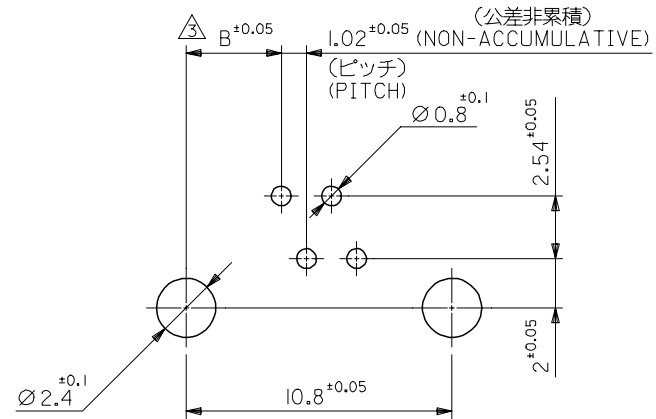
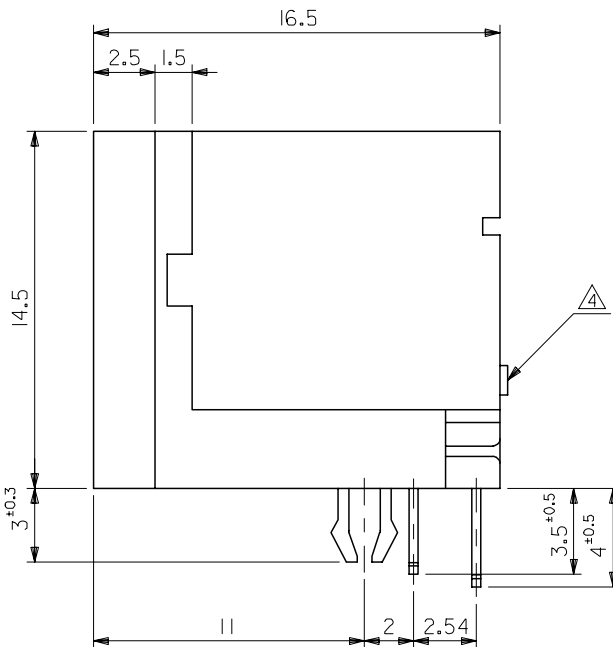
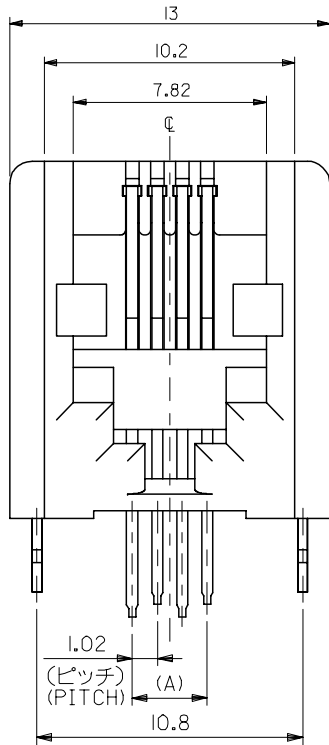
**Reference - Drawing Numbers**

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

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10 9 8 7 6 5 4 3 2 1



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 鍍メッキ (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: 鍍メッキ 1.0 μmMIN.  
SOLDER AREA: TIN 1.0 μmMIN.  
下地メッキ: ニッケルメッキ 1.0 μmMIN.  
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: 0.1 μmMIN.  
YELLOW: 0.1 μmMIN.  
緑色: 0.38 μmMIN.  
GREEN: 0.38 μmMIN.  
オレンジ色: 0.76 μmMIN.  
ORANGE: 0.76 μmMIN.  
無色: 1.27 μmMIN.  
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.

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
ポジション	極数	B	(A)	金メッキ厚 (μmMIN.) Au PLATING THK. (μmMIN.)	MATERIAL NO.
				MODEL NO.	52830-4**2

REVISED EC NO: J2006-0419 DRW: HVAJIMA 2005/11/02 CHK: DAN.UKITA 2005/11/07 APP: NUKITA 2005/11/10	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY Y. SAKIYAMA	DATE '04/02/10	TITLE BOTTOM LATCH MODULAR JACK HOUSING ASS'Y -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '04/02/10				
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '04/02/10				
		ANGULAR ±3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-52830-001	SHEET NO. 1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									