

Molex.com

English
日本語
한국어
简体中文

Register | Login
My Parts (0 items)

Product Name
Cross-Ref
Catalog
Literature
Industries
Standards
Contact Us
About Us
Investors
Careers

Search site:Search: Enter Part No. or Keyword Go

Connectors Sockets I/O Connectors Cable Assemblies Fiber Optics Printed Circuit Products Industrial Products Lighting Products

Switch Language

English

Home
Modular Jacks/Plugs
Datasheet

Need Assistance?

Contact Us
Find a Distributor
Order Samples
Tech Library
Ecocare
Electrical Models

Printer-friendly page

Email this page

Part Number:

0428786218

Status:

Active

Overview:

RJ-11

Description:

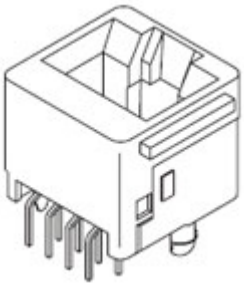
Modular Jack, Vertical, Low Profile, 6/6

Documents: Note - Please disable browser pop-up blockers for documents on www.molex.com

Drawing (PDF)

Product Specification PS-42878 (PDF)

3D



Series image - Reference only

EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Not Halogen-Free

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

[42878](#)Series

Mates With

FCC 68 Plugs

[Model](#)

[Datash](#)

Order Products:

Part Detail: [\(show all\)](#)

[General](#)[Physical](#)[Electrical](#)[Agency Certification](#)[Solder Process Data](#)[Material Info](#)[Reference - Drawing Numbers](#)

General

Product Family	Modular Jacks/Plugs
Series	42878
Comments	Flush Mount, Flangeless, 2 PCB Thick
Component Type	PCB Jack
Overview	RJ-11
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ11

Physical	
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
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	Vertical (Top Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.040 In
Pitch - Mating Interface (mm)	1.02 mm
Pitch - Term. Interface (in)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Plating min: Mating (µin)	50
Plating min: Mating (µm)	1.25
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Ports	1
Positions / Loaded Contacts	6/6
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A
Electrical (Please review the Product Specification for specific details.)	
Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	150V AC (RMS)

Agency Certification

CSA	LR19980
UL	E107635

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Product Specification	PS-42878
Sales Drawing	SDA-42878-****