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Part Number:

0876411002

Status:

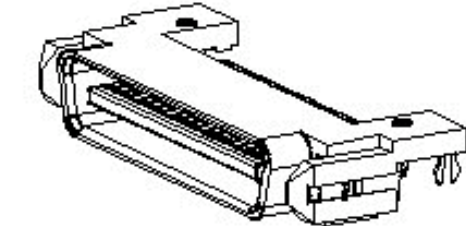
Active

Overview:

sca2

Description:

1.27mm (.050") Pitch SCA-2 Plug, Surface Mount, Right Angle, 40 Circuits, 0.76µm (30µ") Gold (Au) Plating, with Plastic Locating Pegs, Lead-Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	87641
Application	Board-to-Board, Signal
Overview	sca2
Product Name	SCA-2

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	500
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	3.810µm (150µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	30V

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed
Low-Halogen Status
Not Reviewed

China RoHS



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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

87641Series

Mates With

73829 PCB Receptacle with Beveled Metal
Pins, 87557 SCA-2 Receptacle with Beveled
Metal Pins, 73826 PCB Receptacle with
Press-fit PC Tails, 71743 PCB Receptacle
Vertical SCA-2, 71744 PCB Receptacle with
Extended Height

Process Temperature max. C	263
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SD-87641-001

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