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Part Number: [0529865079](#)
Status: **Active**
Description: 1.27mm Pitch Wire-to-Board Shielded Receptacle, Right Angle, Dual Row, with Insert Nut for Screw Locks, 50 Circuits

Documents:

3D Model	Product Specification PS-52986-016-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-52986-016-001 (PDF)
Product Specification PS-52986-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

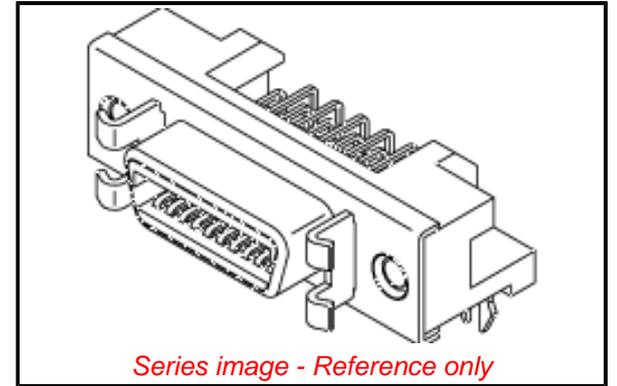
General

Product Family	I/O Connectors
Series	52986
Application	Wire-to-Board
Component Type	Receptacle
Data Load Status	Saqqara Bulk Load-Verified 08
Doc Info - Component	E-52986-010_B, PK-52986_K, PS-52986-001_C, PS-52986-016_C, SD-52986-020_B, SPK-52986-016_C, 0526835001, 0529865003, 0580040020, 0580515038, 0593568128, 0597110010
Made From	Leaf Style Contact
Product Name	N/A
Type	822348207886
UPC	

Physical

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	500
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	PBT
Net Weight	9532.881/mg
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.18mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.305µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Temperature Range NonOperating	-55°C to +85°C
Termination Interface: Style	Through Hole

Electrical



EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[52986](#) Series

Mates With

[54306](#) , [52316](#)

Current - Maximum per Contact	1.0A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-52986-016-001
Product Specification	PS-52986-001-001, PS-52986-016-001
Sales Drawing	SD-52986-020

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