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Part Number:

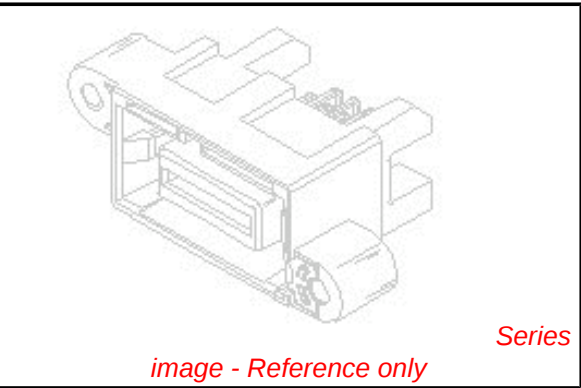
0546781649

Status:

Contact Molex

Description:

1.25mm (.049") Pitch Small MGC (Multi-Ground Connector) PCB Receptacle, Two Polarizing Keys 2.00mm (.079") Left From the Center and 6.00mm (.236") Right From the Center



Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	54678
Application	Wire-to-Board
Component Type	Receptacle
Product Name	Small MGC
Type	N/A
Physical	
Boot Color	N/A
Circuits (Loaded)	16
Circuits (maximum)	16
Durability (mating cycles max)	100
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.30mm (.130")
PCB Locator	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	1.25mm (.049")
Pitch - Termination Interface	1.25mm (.049")
Plating min - Mating	0.102µm (4µ")
Plating min - Termination	1.016µm (40µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +80°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Electrical	
Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	100V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-54678-006

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

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

54678Series

Mates With

55516-1609

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