



Part Number : [2237940600](#)
Product Description : 5.00mm R-Power RAST Female Connector, 10.0A, Tin Plated, 7 Circuits, UL94-V2, Fully Coded, Open End Walls, Natural
Series Number : 220330
Status : Active
Product Category : Connector Housings



Documents & Resources


Drawings
[2203305001_sd.pdf](#)

3D Models and Design Files
[2203305001_stp.zip](#)

Specifications
[AS-93270-001-001.pdf](#)
[PK-93270-001-001.pdf](#)
[PS-93270-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

- [Multiple Part Product Compliance Statements](#)
- Eu RoHS
 - REACH SVHC
 - Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	151065
Description	2.00mm Pitch, Milli-Grid PCB Header, Single Row, Right-Angle, Through Hole, 2.50µm Tin (Sn) Plating, without Peg, 3.60mm PC Tail Length, 5 Circuits, Tube
Application	Signal, Wire-to-Board
Comments	See Product Specification for maximum current rating by wire AWG
Component Type	PCB Header
Product Name	Milli-Grid
UPC	889056635776

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	125V AC

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black

Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	582.810/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tube
PC Tail Length	3.60mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	2.50mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	2.500µm
Plating min - Termination	2.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Temperature Range - Operating	-40° to +70°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Single Row Receptacle Housings	<u>151100</u>

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