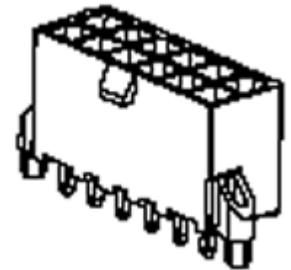


PCB Headers Datasheet

Part Number: 0462070024

Status: Active

Description: 4.20mm (.165") Pitch Mini-Fit RTC (TM) High Temperature Header, Dual Row, Vertical, 24 Circuits, 1.57mm (.062") PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating



Series image - Reference only

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

General Physical Electrical Material Info Reference - Drawing Numbers

General

Product Family	PCB Headers
Series	46207
Application	Wire-to-Board
Comments	Current = 12A max. per circuit when header is mated to a 5557 receptaclehousing loaded with 45750 series terminals crimped to 16 AWG wire. See Molex product specification PS-46207-001 for additional current de-rating information.
Product Name	Mini-Fit RTC™

Physical

Breakaway	No
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EU RoHS

China R

ELV and RoHS Compliant



Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wa Capable (T only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Circuits (Loaded)	24
Circuits (maximum)	24
Circuits Detail	24
Color - Resin	Black
Durability (mating cycles) min	10 cycles
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to mating part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Unplated
Material - Plating Termination	Unplated
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.144 In
PC Tail Length (mm)	3.66 mm
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)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm
Pitch - Term. Interface (in)	0.165 In
Pitch - Term. Interface (mm)	4.20 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	None
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
CSA	LR19980
Current - Maximum	10.000 Amp

Current - Maximum	11.000 Amp
Current - Maximum	12.000 Amp
Current - Maximum	8.000 Amp
Current - Maximum	9.000 Amp
UL	E29179
Voltage - Maximum	600V AC(RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-46207-001
Sales Drawing	SD-46207-001
