



Part Number: 45485-0054

Image not available

Status: Active - Custom
Series: 45485
Category: PCB Headers
Overview: EXTreme PowerDock™

Series image - Reference only

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant
China RoHS: 
REACH SVHC:
Low-Halogen Status: Not Reviewed

Part Detail

General

Status	Active - Custom
Category	PCB Headers
Series	45485
Application	Power, Signal
Overview	EXTreme PowerDock™
Product Name	EXTreme PowerDock™

Physical

Breakaway	No
Circuits (Loaded)	26
Circuits Detail	2 Power, 24 Signal
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Copper
Material - Plating Termination	Gold, Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PC Tail Length	4.50mm
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm, 7.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Solder or Weld

Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	45A
Voltage - Maximum	600V AC / 250V DC

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Product Specification	PS-45424-001
Sales Drawing	SD-45485-054
Test Summary	TS-45424-001

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)