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Part Number:

0465561505

Status:

Active

Overview:

SEARAY and SEARAY Slim Mezzanine Family

Description:

Searay Slim Plug, 60 Circuits, 5.61mm Unmated Height, 4 Rows, with Pegs, Solder Charge Lead-Free

- Documents:
- Drawing (PDF)

Product Specification PS-45970-001-001 (PDF)

Product Specification TS-45970-001-001 (PDF)

Application Specification AS-45970-001-001 (PDF)

Application Specification AS-45970-002-001 (PDF)

Application Specification AS-45970-990-001 (PDF)

Test Summary TS-45970-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	46556
Application	Board-to-Board, Signal
Electrical Model	Yes
Overview	SEARAY and SEARAY Slim Mezzanine Family
Product Name	SEARAY
UPC	887191255910

Physical	
Breakaway	No
Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.941/g
Number of Rows	4
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Surface Mount
Unmated Height	5.61mm



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)10043-DC (17 Jan 2022)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

46556 Series

Mates With

46557 SEARAY Slim Receptacles

Electrical

Current - Maximum per Contact	2.7A
Voltage - Maximum	240V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-45970-001-001, AS-45970-002-001, AS-45970-990-001
Electrical Model Document	EE-45970-010-010
Product Specification	PS-45970-001-001, TS-45970-001-001
Test Summary	TS-45970-002-001

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