

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0465567345

Status:

Active

Overview:

SEARAY* Slim

Description:

Searay Slim Plug, 100 Circuits, 3.50mm Unmated Height, 4 Rows, with Pegs, Solder Charge Lead-Free

- Documents:
- 3D Model

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

Packaging Specification PK-45970-002-001 (PDF)
- Product Specification PS-45970-001-001 (PDF)

Test Summary TS-45970-002-001 (PDF)
- Application Specification AS-45970-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-45970-002-001 (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	46556
3D Viewer	Yes
Application	Board-to-Board, Signal
CURRENT-MAX-NUMERIC	2.7
Electrical Model	Yes
Overview	SEARAY* Slim
PITCH-MATING-NUMERIC	1.27
Product Name	SEARAY
UPC	883906117511

Physical	
Breakaway	No
Circuits (Loaded)	100
Circuits (maximum)	100
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
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	1.564/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
Polarized to Mating Part	Yes
Polarized to PCB	Yes



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
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

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	3.50mm
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, AS-45970-002-001, AS-45970-990-001
Electrical Model Document	EE-45970-010, EE-46556-0085
Packaging Specification	PK-45970-002-001
Product Specification	PS-45970-001-001
S-Parameter Model	SP-45970-010, SP-46556-0085
Sales Drawing	SD-46556-001-001
Symbol/Footprint Data	SYM-46556-7345
Test Summary	TS-45970-002-001

This document was generated on 10/02/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[46556-7345](#)