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Part Number:

0465574445

Status:

Active

Overview:

Description:

SEARAY Slim Receptacle, 160 Circuits, 7.50mm Unmated Height, 4 Rows, with Pegs, Solder Charge Lead-Free

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	46557
Application	Board-to-Board, Signal
Electrical Model	Yes
Overview	searay
Product Name	SEARAY
UPC	883906530532
Physical	
Circuits (Loaded)	160
Circuits (maximum)	160
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.032/g
Number of Rows	4
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.18mm
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
Robotic Placement	Pick and Place Cap
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Surface Mount
Unmated Height	7.50mm
Electrical	
Current - Maximum per Contact	2.7A
Grounding to PCB	No
Voltage - Maximum	240V AC
Solder Process Data	

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

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

46557 Series

Mates With

46556 SEARAY Slim Plug

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
Packaging Specification	PK-45971-002-001, RPK-45971-009
Product Specification	PS-45970-001-001
S-Parameter Model	SP-45970-010
Sales Drawing	SD-46557-001-001
Symbol/Footprint Data	SYM-46557-4445
Test Summary	TS-45970-002-001

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