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Part Number:

0556500288

Status:

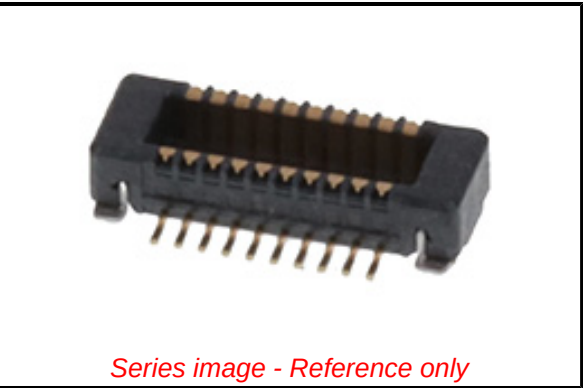
Active

Overview:

SlimStack Board-to-Board/Board-to-FPC Connectors

Description:

0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 2.00mm Stack Height, with Solder Tab, 20 Circuits



Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-54363-046-001 (PDF)

Packaging Specification SPK-55650-001-001 (PDF)

Packaging Specification SPK-55650-001-002 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	55650
Application	Board-to-Board, Signal
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.5, BB H2
UPC	822350741989
Physical	
Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	2.00mm
Mated Width	6.00mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	53.700/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.254µm
Plating min - Termination	0.102µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.5A

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
Benzo(ghi)perylene
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-
pen
Dodecamethylcyclotetrasiloxane
Decamethylcyclotetrasiloxane
Octamethylcyclotetrasiloxane
Disodium 3,3'-[[1,1'-
Biphenyl]-4,4'-
Diylbis(Azo)
1,2-
Benzenedicarboxylic
acid, bis(3-
methylbutyl)
1,2-diethoxyethane
Dibutyltin-dichloride
C.I. Direct Black 38
Ammonium-
pentadecafluorooctanoate
Phenol, 2-(2H-
benzotriazol-2-yl)-4,6-
bis(1,1-dim
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
Dibutylbis(pentane-2,4-
dionato-O,O')tin
2-(2H-Benzotriazol-2-
yl)-4,6-
ditertpentylphenol
2-(2H-Benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
1,2-
Benzenedicarboxylic

Voltage - Maximum	50V AC (RMS)/DC	acid, dihexyl ester, bra
Material Info		diisohexyl phthalate
Reference - Drawing Numbers		1,2-
Packaging Specification	SPK-55650-001-001, SPK-55650-001-002	Benzenedicarboxylic
Product Specification	PS-54363-046-001	acid, dipentyl ester, br
Sales Drawing	SD-55650-013-001, SD-55650-014-001	Zirconia
		Aluminosilicate
		Refractory Ceramic
		Fibr
		Nonadecafluorodecanoic
		acid (PFDA) and its
		sodiu
		Tris(4-nonylphenyl,
		branched and linear)
		phosphi
		Perfluorobutane
		sulfonic acid (PFBS)
		and its sal
		Fluoranthene
		Pyrene
		Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
		Diocetyltn dilaurate,
		stannane, dioctyl-,
		bis(co
		Perfluorononan-1-
		oic acid
		(2,2,3,3,4,4,5,5,6,6,7
		Perfluorohexane-1-
		sulphonic acid and its
		salts
		Dipentyl phthalate
		Cobalt-dichloride
		Alkanes, C10-13,
		chloro
		Bis(tributyltin) oxide
		Lead chromate
		Lead chromate
		molybdate sulfate red
		Tris(2-chloroethyl)
		phosphate
		bis(2-methoxyethyl)
		ether
		1,2-Dimethoxyethane
		1,2-bis(2-
		methoxyethoxy)ethane
		Decabromodiphenylether
		Diboron-trioxide
		Cadmium-oxide
		Lead(II,IV)-oxide
		Lead
		Cadmium
		Lead-dinitrate
		Lead-titanium-trioxide
		Pentalead-tetraoxide-
		sulphate
		Tetralead-trioxide-
		sulphate
		Dioxobis(stearato)trilead
		Lead titanium
		zirconium oxide
		Cyanamide, lead(2+)
		salt (1:1)
		Sulfurous Acid, Lead
		Salt, Dibasic

Silicic acid (H2Si2O5),
barium salt (1:1),
lead-
[Phthalato(2-)]dioxotrilead
4-aminoazobenzene
N,N-
Dimethylformamide
Phenanthrene
Imidazolidine-2-thione
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
[55650](#) Series

Mates With
[54363](#) PCB Receptacle

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