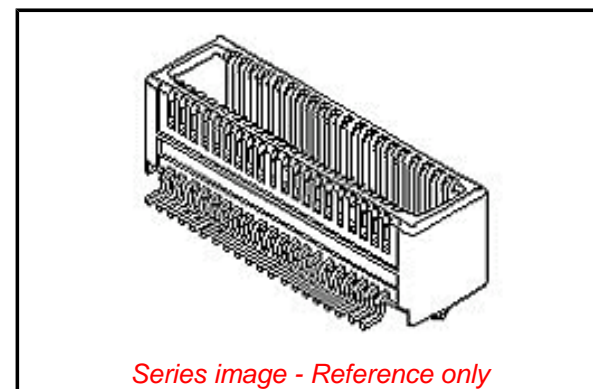


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Part Number: [0553391208](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, 4.00mm Stacking Height, 120 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-55339-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54477-008 \(PDF\)](#)



General

Product Family	PCB Headers
Series	55339
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	800753881747

Physical

Breakaway	No
Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Brown
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	4.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	245.800/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Plating min - Mating	0.254µm
Plating min - Termination	0.051µm
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-25°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55339-001
Product Specification	PS-54477-008, RPS-54477-018, RPS-54477-019, RPS-54684-008, RPS-54684-024

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Yes -ED/39/2015 (15 June 2015)
methoxyacetic acid
1,2-Benzenedicarboxylic acid, bis(3-methylbutyl)
heptacosafuorotetradecanoic acid
tricosafuorododecanoic acid
C,C'-azodi(formamide)
6-methoxy-m-toluidine
furan
4-o-tolylazo-o-toluidine
Imidazolidine-2-thione
4-methyl-m-phenylenediamine
o-toluidine
dinoseb (ISO)
Acetamide, N-methyl-dimethyl sulphate
propylene oxide
diethyl sulphate
4-aminoazobenzene
1,2-diethoxyethane
4,4'-methylenedi-o-toluidine
henicosafuoroundecanoic acid
sodium
peroxometaborate
pentacosafuorotridecanoic acid
1,2-benzenedicarboxylic

China RoHS

acid, dipentylester,
bra
3-ethyl-2-methyl-2-
(3-methylbutyl)-1,3-
oxazolidi
n-pentyl-
isopentylphthalate
Disodium tetraborate
Boric acid
4,4'-oxydianiline and
its salts
4-Nonylphenol,
branched and linear
[substances w
Trixylyl phosphate
4-(1,1,3,3-
tetramethylbutyl)phenol,
ethoxylated
hexahydro-2-
benzofuran-1,3-dione
Methylhexahydrophthalic
anhydride
Sodium perborate;
perboric acid, sodium
salt
#,#-Bis[4-
(dimethylamino)phenyl]-4
(phenylamino)
Tetraethyllead
Lead(II,IV)-oxide
Trilead bis(carbonate)
dihydroxide
Lead Oxide
pyrochlore, antimony
lead yellow
Lead-dinitrate
Silicic acid, lead salt
Lead oxide sulfate
(Pb₂O(SO₄))
Lead-titanium-trioxide
Pentalead-tetraoxide-
sulphate
Trilead-dioxide-
phosphonate
Tetralead-trioxide-
sulphate
Dioxobis(stearato)trilead
Lead titanium
zirconium oxide
Borate(1-),
tetrafluoro-, lead (2+)
Cyanamide, lead(2+)
salt (1:1)
Acetic Acid, Lead
Salt, Basic
Sulfurous Acid, Lead
Salt, Dibasic
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
[Phthalato(2-)]dioxotrilead
Fatty Acids, C16-18,
Lead Salts
Decabromodiphenylether
1-bromopropane

Dibutyltin-dichloride
4,4'-
Methylenedianiline
Boric acid, disodium
salt, hydrate
N,N-
dimethylacetamide
phenolphthalein
formamide
4,4'-
bis(dimethylamino)benzophenone
N,N,N',N'-
tetramethyl-4,4'-
methylenedianiline
1,2-bis(2-
methoxyethoxy)ethane
4,4'-
bis(dimethylamino)-4''-
(methylamino)trityl
Diboron-trioxide

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

Email productcompliance@molex.com
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non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[55339](#) Series

Mates With

[54477](#) Board-to-Board SlimStack™
Receptacle

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