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Part Number: [2033410002](#)
Status: **Active**
Overview: [NeoPress Mezzanine System](#)
Description: NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 4x12, 48 Triads (144 Circuits), 12.50mm Connector Height, 0.76µm Gold (Au) Plating

Documents:

3D Model	Product Specification 2033400001-PS-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

Application tooling part link

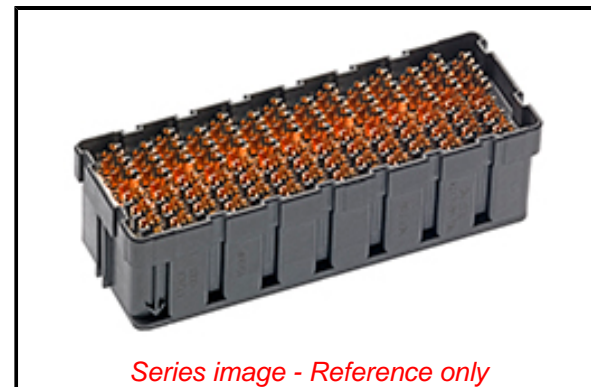
Application Tooling Part Link 200214-1180

General

Product Family	PCB Headers
Series	203341
Application	Board-to-Board, Signal
Electrical Model	Yes
Overview	NeoPress Mezzanine System
Product Name	NeoPress
UPC	191128188579

Physical

Breakaway	No
Circuits (Loaded)	144
Circuits (maximum)	144
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	None
Lock to Mating Part	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	10.720/g
Number of Rows	4
Orientation	Vertical
PC Tail Length	1.38mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	3.50mm
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	None
Shrouded	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
ammoniumpentadecafluorooctanoate
1,3-propanesultone
dibutyltin dichloride
1,2-diethoxyethane
diisopentylphthalate
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
decamethylcyclopentasiloxane
perfluorooctanoic acid
di-n-pentyl phthalate
(DPP)
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
Perfluorohexane-1-
sulphonic acid and its
salts
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct

China RoHS

Temperature Range - Operating
Termination Interface: Style

-55° to +85°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact
Voltage - Maximum

1.0A
30V AC (RMS)

Material Info

Reference - Drawing Numbers

Electrical Model Document

2033410020REVA-000, 2033410035REVA-000,
2040450013REVA-000

Product Specification

2033400001-PS-000

Sales Drawing

2033410003-000

Signal Integrity Report

2033410020REVA-000, 2033410035REVA-000

Methylhexahydrophthalic
anhydride
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Pyrene
Tris(4-nonylphenyl,
branched and linear)
phosphi
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Boric acid
n-pentyl-
isopentylphthalate
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
diisohexyl phthalate
cadmium
lead
orange lead
cadmium sulphide
cadmium oxide (non-
pyrophoric)
bis(pentabromophenyl)
ether
1,2-bis(2-
methoxyethoxy)ethane
1,2-dimethoxyethane
pentazinc chromate
octahydroxide
bis(2-methoxyethyl)
ether
strontium chromate
Lead sulfochromate
yellow
lead dinitrate
di-n-pentyl phthalate
(DPP)
ethylene thiourea
dihexyl phthalate
(DnHP)
4-aminoazobenzene
benzo[a]pyrene
[phthalato(2-)]dioxotrilead
Sulfurous acid, lead
salt, dibasic
lead cyanamidate
Lead titanium
zirconium oxide
dioxobis(stearato)trilead
pentalead tetraoxide
sulphate
lead oxide sulfate
lead dinitrate

Halogen-Free Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series[203341 Series](#)**Mates With**[2033400002](#) , [2033400003](#) NeoPress
3.50mm Pitch PCB Receptacle**Application Tooling | [FAQ](#)**

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
NeoPress Plug Assembly Press-In Tool for 4-Pair by 12 Column Assemblies	2002141180

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