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Part Number: [0740602502](#)
Status: **Active**
Overview: VHDM Backplane Connector Systems
Description: VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8 Rows, Open Signal Module, 200 Circuits, 25 Columns, Pin Length 6.25mm

Documents:

3D Model (PDF)	Product Specification PS-74031-999-001 (PDF)
3D Model	Packaging Specification PK-74060-003-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

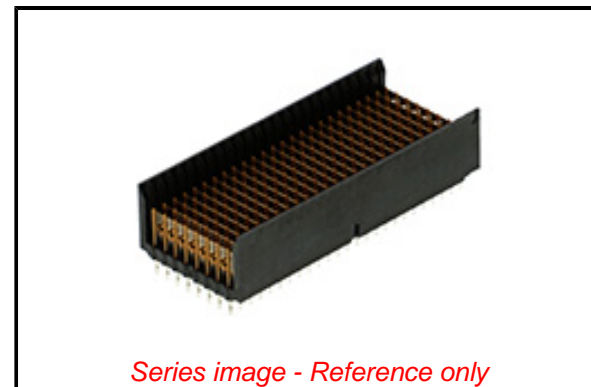
UL E29179

General

Product Family	Backplane Connectors
Series	74060
Application	Backplane
Application Tooling Documents	TM-622010999-001
Comments	Open Header
Component Type	PCB Header
Overview	VHDM Backplane Connector Systems
Product Name	VHDM
UPC	800754780902

Physical

Circuits (Loaded)	200
Circuits (maximum)	200
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Beryllium Copper, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	14.028/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PC Tail Length	2.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.80mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
Dihexyl-phthalate
Phenanthrene
Imidazolidine-2-thione
Dipentyl phthalate
bis(2-(2-
methoxyethoxy)ethyl)
ether
Benzo(ghi)perylene
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-
pen
Dodecamethylcyclhexasiloxane
Octamethylcyclotetrasiloxane
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
2,4-Di-tert-butyl-6-(5-
chlorobenzotriazol-2-
yl)p
2-(2H-Benzotriazol-2-
yl)-4,6-
ditertpentylphenol
2-(2H-Benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
Terphenyl,
hydrogenated

China RoHS

Electrical

Current - Maximum per Contact	3.0A
Data Rate	3.125 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-74060-003-001
Product Specification	PS-74031-999-001
Sales Drawing	SD-74060-002-001

diisohexyl phthalate
1,2-
Benzenedicarboxylic
acid, dipentyl ester, br
n-pentyl-
isopentylphthalate
Aluminosilicate
Refractory Ceramic
Fibres
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Perfluorobutane
sulfonic acid (PFBS)
and its sal
Fluoranthene
Pyrene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Methylhexahydrophthalic
anhydride
Lead chromate
Lead chromate
molybdate sulfate red
Lead sulfochromate
yellow
Tris(2-chloroethyl)
phosphate
Boric acid, disodium
salt, hydrate
Strontium-chromate
1,2-
Benzenedicarboxylic
acid, di-C7-11-
branched
Potassium
hydroxyoctaoxodizincatedichromate
Pentazinc-chromate-
octahydroxide
1,2-Dimethoxyethane
Decabromodiphenylether
Diboron-trioxide
Cadmium-oxide
Cadmium-sulphide
Lead(II,IV)-oxide
pyrochlore, antimony
lead yellow
Lead-dinitrate
Lead oxide sulfate
(Pb2O(SO4))
Lead-titanium-trioxide
Trilead-dioxide-
phosphonate
Tetralead-trioxide-
sulphate
Dioxobis(stearato)trilead
Cyanamide, lead(2+)
salt (1:1)
Cadmium Hydroxide
Sulfurous Acid, Lead
Salt, Dibasic
Silicic acid (H2Si2O5),
barium salt (1:1),
lead-
[Phthalato(2-)]dioxotrilead

Fatty Acids, C16-18,
Lead Salts
N,N-
Dimethylformamide

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

[74060](#) Series

Mates With

[74040](#) VHDM Board-to-Board Daughtercard
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 #
Signal Pin Inserter Repair Tool	622015700
8-Row Pin and Shield Repair Tool	622015900
8-Row Shield Extraction Tool	622016100

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