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**Part Number:** **0740581002**  
**Status:** **Active**  
**Overview:** VHDM Backplane Connector Systems  
**Description:** VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Pin End Version, 60 Circuits, 10 Columns, Pin Length 6.25mm

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-74031-999-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-74058-003-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	Backplane Connectors
Series	74058
Application	Backplane
Application Tooling Documents	TM-622010999-001
Comments	No Keying Position
Component Type	PCB Header
Overview	<a href="#">VHDM Backplane Connector Systems</a>
Product Name	VHDM
UPC	800754780520

**Physical**

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	Beryllium Copper, High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	7.172/g
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	6
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	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  
Dodecamethylcyclohexasiloxane  
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	2.0A
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-74058-003-001
Product Specification	PS-74031-999-001
Sales Drawing	SD-74058-002-001

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  
hydroxyoctaoxidizincatedichromate  
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**

[74058](#) Series

**Mates With**

[74030](#) 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**

<b>Description</b>	<b>Product #</b>
Signal Pin Inserter Repair Tool	<a href="#">622015700</a>
6-Row Pin and Shield Repair Tool	<a href="#">622015800</a>
6-Row Shield Extraction Tool	<a href="#">622016000</a>

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