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Part Number:

0740589002

Status:

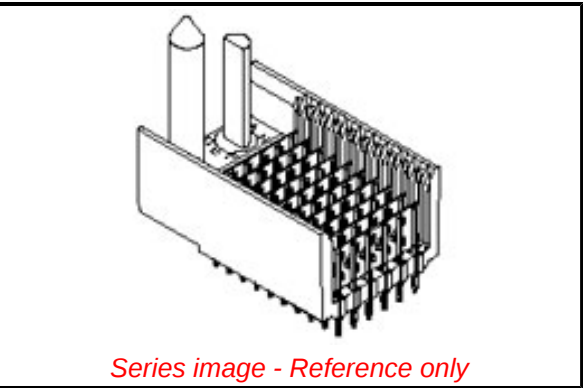
Active

Overview:

VHDM Backplane Connector Systems

Description:

VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Guide Pin Signal Module, Pin End Version, 60 Circuits, 10 Columns, Pin Length 6.25mm



Series image - Reference only

Documents:	
Drawing (PDF)	Packaging Specification PK-74058-003-001 (PDF)
Product Specification PS-74031-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

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	VHDM Backplane Connector Systems
Product Name	VHDM
UPC	822350227858
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 - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	7.172/g
Number of Columns	25
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
Electrical	
Current - Maximum per Contact	2.0A

EU ELV	
Not Relevant	
EU RoHS	China 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-	
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	

Data Rate	3.125 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
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
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
ELV
RoHS Phthalates

Green Image
Not Relevant
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

Description	Product #
Signal Pin Inserter Repair Tool	622015700
6-Row Pin and Shield Repair Tool	622015800
6-Row Shield Extraction Tool	622016000

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