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Part Number:

0740589004

Status:

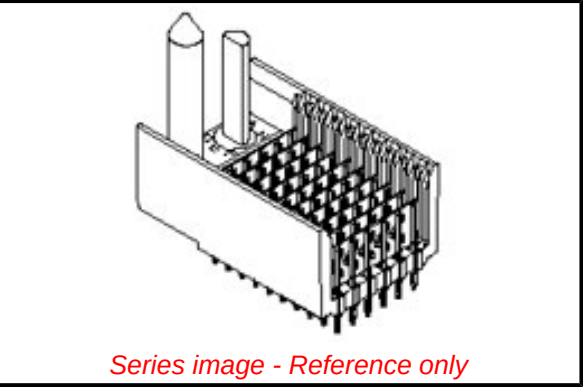
Active

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, Pin Length 5.15mm. Series:74074 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm



Documents:	
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-74058-003 (PDF)	

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	74058
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Keying Position
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
UPC	822350227865
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	7.052/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	

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/21/2016 (20 June 2016)	
Halogen-Free	
Status	
Low-Halogen	
Need more information on product environmental compliance?	
Email productcompliance@molex.com	
Please visit the Contact Us section for any non-product compliance questions.	
China ROHS	Green Image
ELV	Not Relevant

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 #
6-Row Pin and Shield Repair Tool	0622015800
Insertion Module for Advanced Mate Signal Header, 6-	0622020203

Current - Maximum per Contact	2.0A	Row by 10-Wide, 20.00mm
Data Rate	3.125 Gbps	Insertion Module 0622020207
Shield Type	Ground Plane Shield	for Advanced Mate
Shielded	Yes	Signal Header, 6-Row by 10-Wide, 20.00mm
Voltage - Maximum	120V AC (RMS)/DC	Signal Pin Inserter 0622015700
Solder Process Data		Repair Tool
Lead-freeProcess Capability	N/A	6-Row Shield 0622016000
Material Info		Extraction Tool
Reference - Drawing Numbers		Insertion Module 0622011101
Packaging Specification	PK-74058-003	for Advanced Mate
Sales Drawing	SD-74058-002	Signal Header, 6-Row by 11-Wide, 20.00mm
Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.		

This document was generated on 07/11/2016

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