

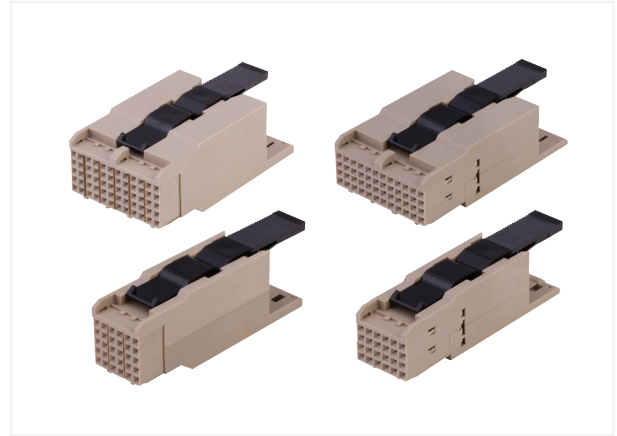
METRAL® CABLE CONNECTOR

OVERVIEW

Metral® 2mm pitch cable connector meets the Board-to-Cable interface requirements and is part of the Metral® product family offering the widest range of backplane connector solutions. The connector is designed in accordance with IEC 61076-4-104 and Telcordia GR-1217-CORE.

Metral® cable connector is available in 4 and 5 row versions. They come in single and multi-module configurations.

Metral® backplane connectors meet Futurebus+ standards to support applications in data, industrial and instrumentation, medical and telecom markets.



FEATURES

- Insulation-displacement contact (IDC) termination
- Active backshell latch
- Dual beam contact design
- 4 and 5 row versions available
- Connectors are end-to-end stackable

BENEFITS

- Ensures ease of cable termination
- Secures connection of cable connector to mating header
- Provides electrical reliability and withstands vibration
- Caters to different connector sizes
- Prevents loss of contact position





TECHNICAL INFORMATION

MATERIALS

- Housing: Glass-filled Polyamide; UL 94V-0
- Contact: Copper Alloy
- Plating: Performance-based plating

ELECTRICAL PERFORMANCE

- Dielectric Withstanding Voltage: 1000VDC
- Insulation Resistance: 1000MΩ min
- Current Rating: 1A (all contacts powered)

ENVIRONMENTAL

- Operating Temperature: -55°C to +105°C

SPECIFICATIONS

- Product Specifications: GS-12-015, GS-12-016
- Application Specifications: GS-20-002, GS-20-003

MECHANICAL PERFORMANCE

- Mating Force: 1N max. per pin
- Unmating Force: 0.2N min. per pin
- Wire Range: 30AWG to 24AWG

APPROVALS AND CERTIFICATIONS

- IEC 61076-4-104
- Telcordia GR-1217-CORE

PACKAGING

- Trays

TARGET MARKETS/APPLICATIONS

- Data
- Industrial & Instrumentation
- Medical
- Telecom

PART NUMBERS

Module	Part Numbers	
	4 Row	5 Row
1	72476-1111LF	72478-1111LF
2	72477-1111LF	72479-1111LF

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