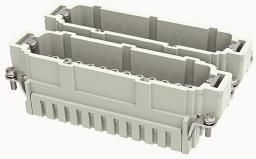
Overview

Product information



DE-048-MC-21020000221

Heavy-duty insert,Number of contacts:48+PE,Dimension:48B,Rated voltage :500V,Rated current:16A,Male insert,Crimping connector

Product advantages

☑Crimping connection technology, high wiring efficiency
☑Suitable for vibration occasions；
☑The wiring harness can be pre-installed；
☑Choose contacts with different wire diameters and coatings；
☑High-density pins, saving installation space；
☑With grounding protection。

Product certification

Technical data

Product drawing

3D model

Marking

classification	Insert
Series	DE

Versions

Connection method	Crimping connection
Female/Male	Male
Dimension	48B
Number of positions	48

PE Contacts	Yes

Material characteristics

Material（insert）	Polycarbonate（PC）
Materia（Contact）	Copper alloy
Surface（Contact）	Silver plated/gold plated
Flammability rating	V-0
color	Grey/White（RAL 7032）
RoHS	Comply with RoHS exemptions

Electrical parameters

Rated current	16A
	500V
Rated pulse voltage	6KV
Pollution level	3
On the basis of UL /CSARated current	600V
Insulation resistance	≥10000MΩ
Contact resistance	≤1mΩ
Temperature range	-40℃~+125℃
working life-mating cycles	≥500 time
Strip length	7.5mm
Conductor cross sections（mm²）	0.14-4.0mm²
Conductor cross sections(AWG)	26-12AWG

Standards

Connection meets standards	DIN EN 60664 DIN EN 61984

Accessories

Accessories

Crimping tool|Removal tool	/

Business data

Order number	21020000221
Packing unit	100
Minimum order quantity	5
Products weight (without packaging)	138