

Han M12 Crimp X-coded male



Part number	09 14 881 1805
Specification	Han M12 Crimp X-coded male
HARTING eCatalogue	https://b2b.harting.com/09148811805

Image is for illustration purposes only. Please refer to product description.

Identification

Category	Inserts
Series	Han-Modular [®]

Version

Termination method	Crimp termination
Gender	Male
Number of contacts	8
further contacts	+ shielding
Coding	X-coding
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section	0.08 0.25 mm²
Conductor cross-section	AWG 28 AWG 23
Wire outer diameter	≤1.4 mm
Rated current	0.5 A
Rated voltage	32 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz

Page 1 / 3 | Creation date 2021-12-04 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



Technical characteristics

Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Insulation resistance	>10 ⁸ Ω
Contact resistance	≤10 mΩ
Contact resistance, shielding	≤100 mΩ
Tightening torque	0.6 Nm
Wrench size	12 13
Limiting temperature	-40 +85 °C
Mating cycles	≥500

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (shielding)	Copper alloy, nickel plated
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No
California Proposition 65 substances	No

Specifications and approvals

Specifications	EN 60664-1
	IEC 61984

Commercial data

Packaging size	1
Net weight	16 g
Country of origin	Romania
European customs tariff number	85366990

Page 2 / 3 | Creation date 2021-12-04 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com Product data sheet 09 14 881 1805 Han M12 Crimp X-coded male



Commercial data

eCl@ss

27440205 Contact insert for industrial connectors

Page 3 / 3 | Creation date 2021-12-04 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Heavy Duty Power Connectors category:

Click to view products by HARTING manufacturer:

Other Similar products are found below :

 647757-1
 6643411-1
 6646058-2
 6646137-1
 6646138-1
 6646608-1
 6646786-1
 6646940-1
 6651091-1
 6651525-1
 6651529-1
 6651788-1

 696475-1
 702-32-01109
 703-25-02205
 73000005059
 73000005642
 73080254296
 73080255059
 73080965046
 765-15-0080A

 765-16-0080B
 765-18-0080D
 902-77-02113
 PS00/A0620/6300
 1221200000
 129-1J
 1409400
 E6374G1
 e6389g2
 157-43GW8
 MS3117

 14AC
 1643543-1
 1650540-1
 1651811-2
 1766260-1
 1766282-1
 1766966-1
 1791340000
 NLDFT-3-BL-L-S120-M40A
 NLDFT-N-W-L

 C240-M40B
 1926015-1
 NLS-N-W-C240-M40B
 2-1589900-8
 2199314-1
 KA8102
 9300480317
 29131
 294-0091-01100
 296-0040-01100