

MC520-PC

HV-plug, cable mount, 15 kVDC, 5P

1070-PC1-015-05N14-RX

Mating part: 1070-RP1-015-05N14-FS



ELECTRICAL	
Operating voltage	15 kV DC*
Test voltage	23 kV DC
Rated current	13 A

HOUSING	
Locking system	Threaded coupling
Mounting type	Mating receptacle
Housing material	Brass (CuZn)
Surface plating	Nickel (Ni)
Protection class	IP65 (mated)
Strain relief	Integrated rubber inserts
Rated temperature	-30 to +80°C [-40 to +176°F]

INSULATION	
Number of contacts	5
Insulation material	Thermoplastic
Flammability class	UL94 V-0
CTI value	600
Rated temperature	-50 to +200°C [-258 to +392°F]
Insulation material group	I (DIN IEC 60664)

SUITABLE CABLE	
Shield support	Yes
Max. diameter cable dielectric	4.0 mm [.157"]
Max. wire size	0.14-2.5 mm² [26-14 AWG]

CONTACTS	
Termination method	Solder or crimp
Rated current	13 A
Contact resistance	≤ 5 mΩ
Contact diameter	1.6 mm [.063"]
Cross section	0.5 mm² [20 AWG]
Contact material	Brass (CuZn)
Contact plating	Silver (Ag)
Mating cycles	≥ 1000

COMPLIANCE (RMCD)	
✓ 2000/53/CE	✓ 1907/2006 (REACH, SVHC)
✓ 2002/95/CE (RoHS)	
✓ 2003/11/CE	
✓ 2002/96/EU	
✓ 2011/65/EU	
✓ 2015/863/EU	

Manufactured under ISO 9001 & ISO 14001, made in Germany.

* **GES** high voltage connectors are designed, tested, and rated for DC voltages only. GES does not assume any liability for the transmission of AC voltages and for any direct or indirect disadvantages or damages. It is the customer's responsibility to ensure appropriate testing, application safety and functional reliability when transmitting AC voltages via **GES** connectors.

- HIGH VOLTAGE IS HAZARDOUS.
- NEVER UNMATE UNDER LOAD.
- TO BE HANDLED BY TRAINED STAFF ONLY.