

SERIES H15/HA FEMALE CONNECTOR

PHYSICAL PROPERTIES

HOUSING MATERIAL:

Connectors w/o screw
termination: Polyester (PBTP)

Connectors with screw
termination: Polycarbonate (PC)

COLOR: Beige

FLAMMABILITY RATING: UL94V-1 for PC
UL94V-0 for PBTP

INSERTION/WITHDRAWAL FORCE: 90N Max.

ELECTRICAL PROPERTIES

MAX. CURRENT: 15 A

CONTACT SURFACE: Hard silver plated 6µm Ag or
tinned

PERFORMANCE LEVEL: 1

CREEPING CURRENT PER DIN IEC 112:

PBTP: CTI 275/CTI 175 M

PC: CTI 150 - 175/CTI 100M

TEST VOLTAGE: 50 Hz, 1 min.

CONTACT TO CONTACT: 3100V

CONTACT TO GROUND: 3100V

ENVIRONMENTAL PROPERTIES

OPERATING TEMPERATURE RANGE: -65° C to 125° C

AIR LEAKAGE DISTANCE: ≥4.5mm (contact/ground)

CREEPAGE DISTANCE: ≥8.0mm (contact/ground)

CONTACT RESISTANCE: ≤8.0m Ω

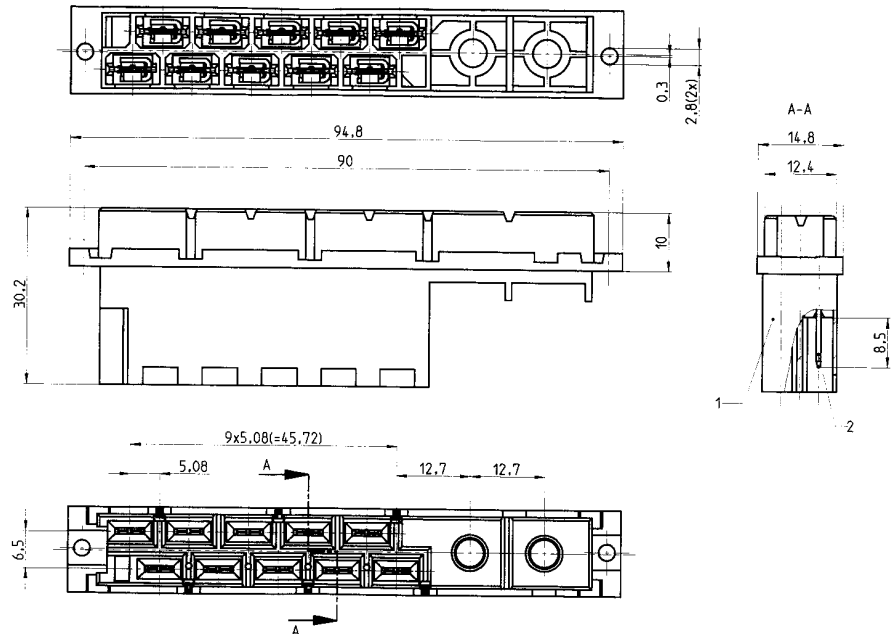
INSULATION RESISTANCE: ≥10¹² Ω at 100 VDC

POWER CONTACTS (HA)

CONTACT RESISTANCE: ≤1.5 mΩ

OPERATING CURRENT: 50A

CONTACT SURFACE: Gold-plated 0.5 µm Au



Ordering Information

# OF CONTACTS	CONTACT PLATING	FASTON	SCREW TERMINATION
10 + 2 HA	Silver	H15F 10FA-2HAC	H15F 10SR-2HA
	Tinned	H15F 10FA-2HATC	H15F 10SR-2HAT
7 + 4 HA	Silver	H15F 7FA-4HAC	H15F 7SR-4HA
	Tinned	H15F 7FA-4HATC	H15F 7SR-4HAT

Coding key option: H-COD (Available for Faston termination only.)