



General	
Part Name	16MW 090 FHCL G BL ASSY
Material	PBT & PA 66
Colour	Silver Grey & Other colors
Gasket	NBR / Black
Clip	--
Connection type / Sealed or Unsealed	Wire to wire / Sealed
Over all size	39.0 x 30.9 x 38.0 mm
Tab width	2.3mm
No. of Poles	16
Mating Part	16FW 090 FHCL G
Applicable Terminal	090 Male WP CL terminal
Applicable Wire seal	090 2 groove wire seal / 090 3 Groove Wire Seal
Environmental Response	RoHS compliance
Operating Temperature	-40 to 85°C
Flammability	PBT : HB - UL94 PA 66 : V2 – UL94
IP Rating	X7
Electrical characteristics	
Current carrying capacity	10A [Ref]
Voltage Rating	12/24 VDC
Applicable wire	0.35 to 1.5mm ² - ISO 6722
Dielectric strength	no break @ 1000VAC
Insulation resistance	100MΩ min. @ 500VDC
Contact resistance (Initial / After durability)	5mΩ max / 10mΩ max.
Mechanical characteristics	
Terminal Insertion force	1.5Kgf max.
Terminal retention force	6.0Kgf min.
Connector to connector Insertion Force	15.0Kgf max.
Connector to connector holding strength	6.0Kgf min.
Water Sealability [Initial]	1.0Kg/cm ²
Clip Insertion Force	--
Clip Retention Force	--
Applicable Mounting panel	--