

**RoHS  
Compliant**



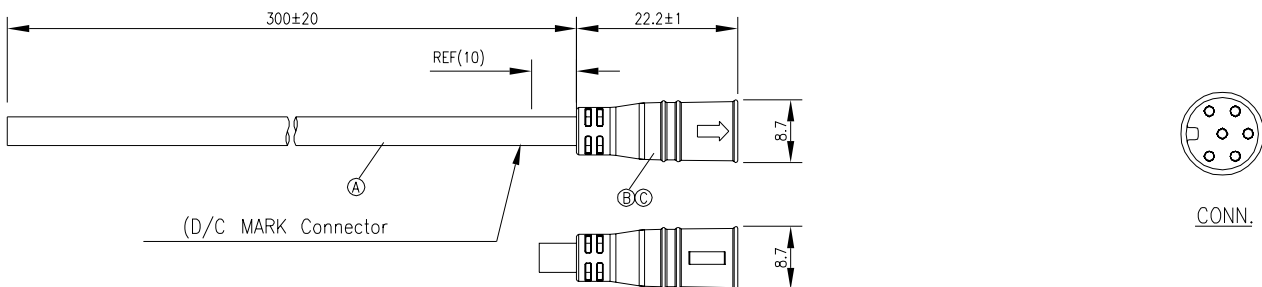
## Specification

Waterproof Rate : IP67  
IP67 Immersed in 1M water for 30 Minutes

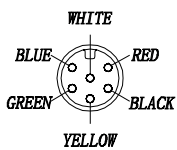
## Test Conditions

Current Rating : 3A  
 Rated Constant Voltage : 60V DC  
 Conduct Resistance : 10mΩ max.  
 Hi-POT Test : 500V AC, 0.5mA (1Sec)  
 Insulation Resistance : 20MΩ Min. By 500V DC  
 Durability : 200 Cycles Min.  
 Mating And unmating Force : 30 to 60N  
 Corrosion Resistance : Salt Spray Test, 48H  
 Rated Temperature : -25°C to +70°C  
 Rated Humidity : 95% (40°C)  
 Flame Rating : UL94V-0

## Diagram



CONN.



Pin Assignments  
Front View

No.	Description	Qty.	Material	Plating & Color
A	Cable	1	FEP, PVC 6C × 0.2mm <sup>2</sup> OD=4 ±0.1	Black
B	Molding		TPU	
C			PVC	

## Part Number Table

Description	Part Number
M7 Sensor Cable, 3A, 6 Pin, Female Connector	MP013721

Dimensions : Millimetres

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