

PRODUCT SPECIFICATION FOR MICRO-CHANGE PCB STYLE RECEPTACLE ASSEMBLIES

1.0 THIS PRODUCT SPECIFICATION COVERS: Micro-Change PCB style receptacle assemblies for series:

120070: General market

84864: NMEA 2000

2.0 PRODUCT DESCRIPTION

2.1 Micro-change 3, 4, or 5 pole receptacle assembly with PCB mounting capability in either vertical or horizontal orientation.

2.2 DIMENSIONS: 1.25 (31.9MM) LG. X .86 (21.8MM) HT. , COUPLING HEX: .82 (20.8MM)

2.3 MATERIALS:

M12 body: Nylon, color: Black
 Coupling/Locknut: Delrin, color: Black
 Mating O-ring: Viton, color: Red
 Panel O-ring: Viton, color: Red
 Support Bracket: Steel, Tin plated

2.4 MOUNTING:

MOUNTING PANEL THICKNESS: .039 TO .070 IN. (1.00 TO 1.78MM)
 PC BOARD THICKNESS: .047 TO .062 IN. (1.19 TO 1.57MM)
 PANEL CUTOUT: Ø .516 IN. (13.1MM)
 PCB THRU HOLE (MOUNTING BRACKET): Ø.070 IN. (1.78MM)
 PCB THRU HOLE (PIN): Ø.055 IN. (1.40MM)

ELECTRICAL:

VOLTAGE RATING: 250VAC/VDC
 CURRENT: 4 AMPS,

2.5 ENVIRONMENTAL:

CONNECTOR: IP67
 ENCLOSURE: IP67
 AMBIENT TEMPERATUR RATING: -40°F TO +176°F (-40°C TO +80°C)

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

SALES DRAWING: SD-120070-008 (FEMALE), SD-120070-009 (MALE)
 SD-84864-006 (FEMALE), SD-84864-003 (MALE)

4.0 PACKAGING:

Parts shall be packaged to protect against damage during handling, transit and storage.
 Packaging specification: PK-120070-001

REVISION: A	ECR/ECN INFORMATION: EC No: IPG2016-1583 DATE: 2016/05/24	TITLE: PRODUCT SPECIFICATION FOR MICRO-CHANGE PCB STYLE RECEPTACLE ASSEMBLIES	SHEET No. 1 of 1
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