

6

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**MATERIALS:**

Shell: Zinc alloy with black Nickel plating  
 Insert: PPS, UL-94V-0 rated  
 Contacts: Brass, Gold plated

**MECHANICAL SPECIFICATIONS:**

Coupling type: Screw type  
 Contact termination: Solder  
 Cable O.D. range: 5 ~ 8mm  
 Mating cycles: >500

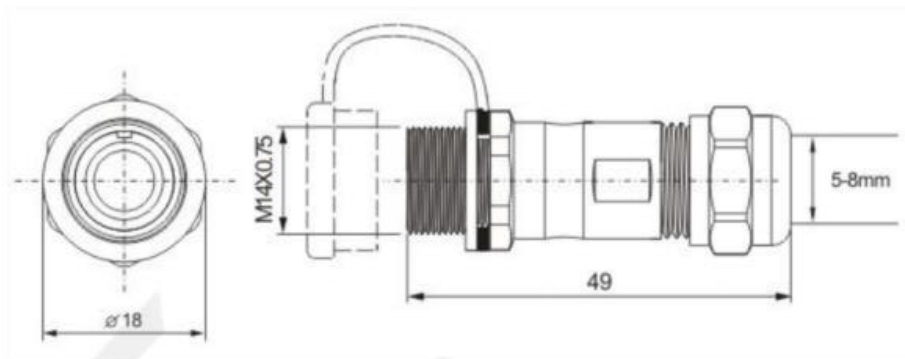
**ENVIRONMENTAL SPECIFICATIONS:**

IP rating: IP67  
 Temperature range: -40°C ~ +85°C

RoHS  
 COMPLIANT

ORDERING CODE:  
 PD-ST1211-SX

Number of contacts (from chart)



Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13A	13A	5A	5A	5A	5A	3A
Contact diameter	∅ 1.6X2	∅ 1.6X3	∅ 1X4	∅ 1X5	∅ 1X6	∅ 1X7	∅ 0.7X9
Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance mΩ	2	2	5	5	5	5	10
Wire sizemm <sup>2</sup> /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

TOLERANCE  
 UNLESS OTHERWISE SPECIFIED  
 X ± 1  
 X.X ± 0.4  
 X.XX ± 0.13

**Power Dynamics, Inc.**

Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0078

PART: METAL IP67 WATERPROOF FEMALE IN-LINE CABLE  
 CONNECTOR; 2 - 9 CONTACTS; SOLDER TERMINATION

DRAWN BY PB DATE: 9/14/17  
 CHECK BY DATE:  
 APPR BY DATE:

PART # PD-ST1211-SX

SHEET  
 1 of 1

SCALE: A

SCALE: NTS

ALL DIMENSIONS FOR REFERENCE ONLY  
 DIMENSIONS ARE IN MILLIMETERS

REV:

REVISIONS

CHANGE

CHK

APPR

DATE

REV

6

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