

**MATERIALS:**

Shell: Brass, Chrome plated  
 Insert: PPS, UL-94V-0 rated  
 Contacts: Brass, Gold plated

**MECHANICAL SPECIFICATIONS:**

Coupling type: Push - Pull  
 Contact termination: Solder  
 Cable O.D. range: 4 ~ 6.5mm or 5 ~ 8mm  
 Mating cycles: >500

**ENVIRONMENTAL SPECIFICATIONS:**

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



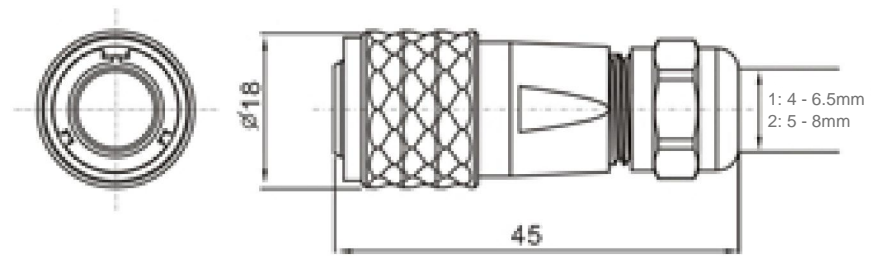
**ORDERING CODE:**

PD-SF1210-SXX

Cable outer diameter

- 1 = 4 ~ 6.5mm
- 2 = 5 ~ 8mm

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	∅07X9
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 size mm <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.**

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**PART: METAL IP67 WATERPROOF FEMALE CABLE CONNECTOR  
 PUSH - PULL TYPE; 2 - 9 CONTACTS; SOLDER TERMINATION**

DRAWN BY: PB	DATE: 10/31/17
CHECK BY:	DATE:
APPR BY:	DATE:

PART #: <b>PD-SF1210-SXX</b>	SHEET 1 of 1
SIZE: <b>A</b>	ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS
SCALE: <b>NTS</b>	REV:

REVISIONS	CHANGE	CHK	CHK	APPR
REV	DATE			