

**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

RoHS  
 COMPLIANT

**ORDERING CODE:**

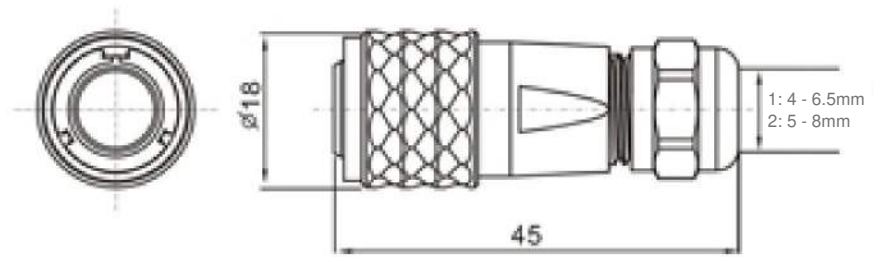
PD-SF1210-SXX

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	∅ 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 size <sub>mm</sub> <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: 973 560-0076

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

REV	DATE	CHANGE	CHK	APPR

D

C

B

A

D

C

B

A

6

5

4

3

2

1

6

5

4

3

2

1