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

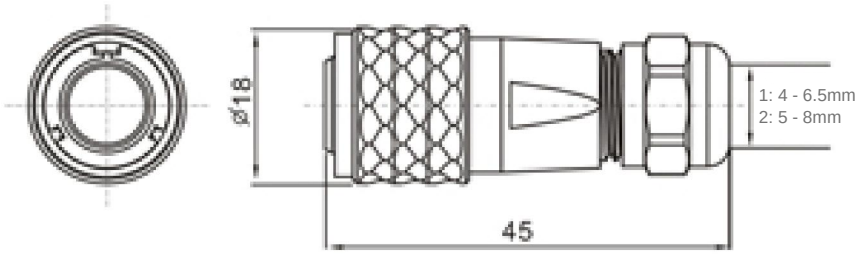
ENVIRONMENTAL SPECIFICATIONS:
IP rating: IP67
Temperature range: -40°C ~ +85°C

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	∅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 mm²/AWG	≤2/14	≤2/14	≤0. 785/18	≤0. 785/18	≤0. 785/18	≤0. 785/18	≤0. 785/18

REVISIONS

REV	DATE	CHANGE	CHNG	CHCK	APPR

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
SIZE: A
SCALE: NTS
ALL DIMENSIONS FOR REFERENCE ONLY
DIMENSIONS ARE IN MILLIMETERS
SHEET 1 of 1
REV: