MATERIALS:
Housing: Nylon 66, UL-94V-0 rated
Insert: PPS, UL-94V-0 rated
Contacts: Brass, Gold plated

MECHANICAL SPECIFICATIONS:
Coupling type: Bayonet
Contact termination: Solder
Cable O.D. range: 6 - 10mm
Mating cycles: >500

ENVIRONMENTAL SPECIFICATIONS:
IP rating: IP67
Temperature range: -25°C ~ +85°C

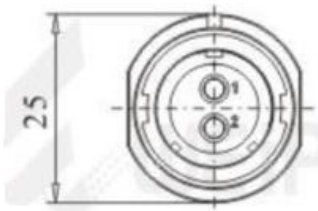
RoHS COMPLIANT

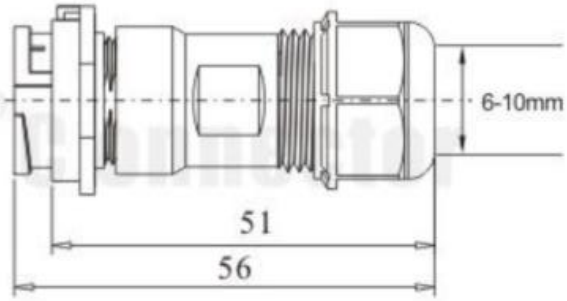
Number of contact	2	3	4	5	7	9	10
Male contact face view							
Rated current (A)	10A	10A	5A	5A	5A	5A	5A
Contact diameter	Ø 1.5×2	Ø 1.5×3	Ø 1×4	Ø 1×5	Ø 1×7	Ø 1×9	Ø 1×10
Rated voltage(AC.V)	500V	500V	500V	500V	400V	400V	400V
Test voltage(AC.V)1 min	1500V	1500V	1500V	1500V	1200V	1200V	1200V
Contact resistance mΩ	2.5	2.5	5	5	5	5	5
Wire size mm² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

ORDERING CODE:
PD-SY1711-SX1X

- Cap
  - C = with cap
  - N = without cap
- Number of contacts







REVISIONS

REV	DATE	CHANGE	CHNG	CHCK	APPR

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

DRAWN BY	PB	DATE: -
CHECK BY		DATE:
APPR BY		DATE:

Power Dynamics, Inc.
Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: WATERPROOF FEMALE IN-LINE CONNECTOR
IP67 RATED; SIZE 17; SOLDER CONTACTS; BAYONET TYPE

PART #: PD-SY1711-SX1X
SHEET 1 of 1
SIZE: A
SCALE: NTS
ALL DIMENSIONS FOR REFERENCE ONLY
DIMENSIONS ARE IN MILLIMETERS
REV: