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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

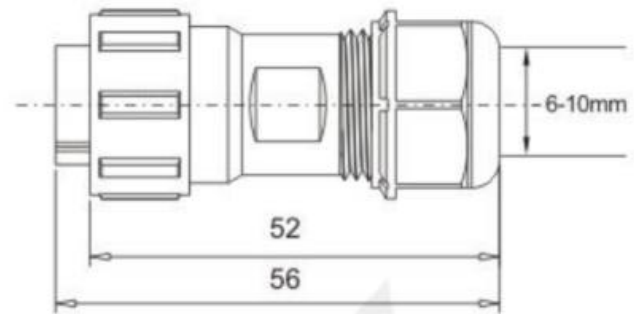
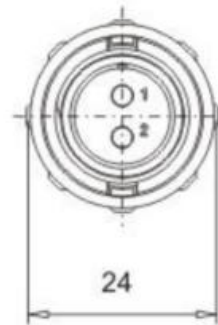


ORDERING CODE:
PD-SY1710-PX1X

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



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	∅ 1.5×2	∅ 1.5×3	∅ 1×4	∅ 1×5	∅ 1×7	∅ 1×9	∅ 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 mm ² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18



REVISIONS	CHNG	CHK	APPR
	CHANGE		
REV	DATE		

TOLERANCE UNLESS OTHERWISE SPECIFIED	
X	± 1
X.X	± 0.4
X.XX	± 0.13
DRAWN BY	PB
CHECK BY	
APPR BY	
DATE:	-
DATE:	
DATE:	

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

PART: WATERPROOF MALE CABLE CONNECTOR
IP67 RATED; SIZE 17; SOLDER CONTACTS; BAYONET TYPE

PD-SY1710-PX1X

PART # PD-SY1710-PX1X

SIZE: A ALL DIMENSIONS FOR REFERENCE ONLY
SCALE: NTS DIMENSIONS ARE IN MILLIMETERS

SHEET 1 of 1

REV:

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