

**MATERIALS:**

Shell: Zinc alloy with black Nickel plating

Insert: PPS, UL-94V-0 rated

Contacts: Brass, Gold plated

**MECHANICAL SPECIFICATIONS:**

Coupling type: Screw type

Contact termination: Solder

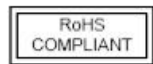
Cable O.D. range: 5 ~ 8mm

Mating cycles: >500

**ENVIRONMENTAL SPECIFICATIONS:**

IP rating: IP67

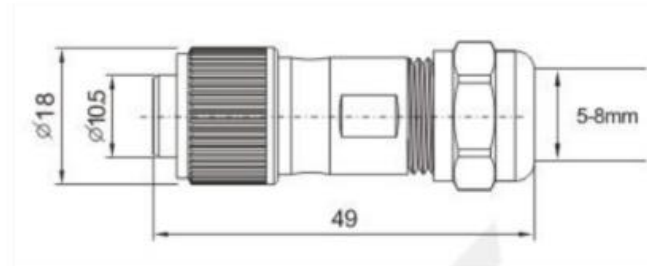
Temperature range: -40°C ~ +85°C



**ORDERING CODE:**

PD-ST1210-SX

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 mm <sup>2</sup> /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

<p>TOLERANCE UNLESS OTHERWISE SPECIFIED X ± 1 X.X ± 0.4 X.XX ± 0.13</p>		<p><b>Power Dynamics, Inc.</b> Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076</p>	
<p>DRAWN BY: PB DATE: 9/14/17</p>		<p>PART #: PD-ST1210-SX</p>	
<p>CHECK BY: DATE:</p>		<p>SIZE: A ALL DIMENSIONS FOR REFERENCE ONLY SCALE: NTS DIMENSIONS ARE IN MILLIMETERS</p>	
<p>APPR BY: DATE:</p>		<p>SHEET 1 of 1 REV:</p>	

REVISIONS	CHK	CHK	APPR
CHANGE			
DATE			
REV			