

**MATERIALS:**

Shell: Brass, Chrome plated  
 Insert: PPS, UL-94V-0 rated  
 Contacts: Brass, Gold plated

**MECHANICAL SPECIFICATIONS:**

Coupling type: Push - Pull  
 Contact termination: Solder  
 Mating cycles: >500

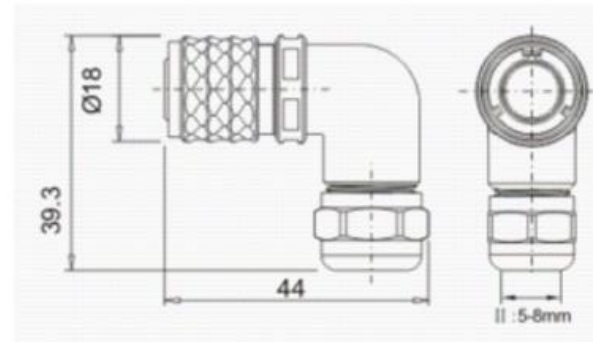
**ENVIRONMENTAL SPECIFICATIONS:**

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



ORDERING CODE:  
 PD-SF1214-PX

└── 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 |

|  |  |   |  |
|--|--|---|--|
| TOLERANCE<br>UNLESS OTHERWISE SPECIFIED<br>X ± 1<br>X.X ± 0.4<br>X.XX ± 0.13 |  | <b>Power Dynamics, Inc.</b><br>Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076                       |  |
| DRAWN BY: PB DATE: 1/8/18  |  | PART: METAL IP67 WATERPROOF MALE ANGLED CABLE CONNECTOR<br>PUSH - PULL TYPE; 2 - 9 CONTACTS; SOLDER TERMINATION |  |
| CHECK BY: DATE:  |  | PART #: PD-SF1214-PX SHEET 1 of 1   |  |
| APPR BY: DATE:   |  | SCALE: NTS ALL DIMENSIONS FOR REFERENCE ONLY<br>DIMENSIONS ARE IN MILLIMETERS REV:                              |  |

|           |        |     |      |
|-----------|--------|-----|------|
| REVISIONS | CHNG   | CHK | APPR |
|           | CHANGE |     |      |
| REV       | DATE   |     |      |