

**MATERIAL SPECIFICATIONS:**  
 Housing: PA, UL-94V-0 rated, color black  
 Contacts: CuZn, Silver plated

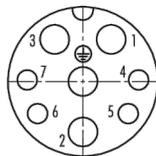
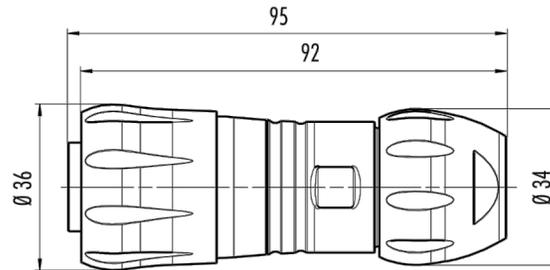
**MECHANICAL SPECIFICATIONS:**  
 Contacts: 8 (4 Signal + 3 Power + PE)  
 Durability: 1000 mating cycles min.  
 Cable Diameter: 6 - 13mm / 9 - 17mm

**ELECTRICAL SPECIFICATIONS:**  
 Rated current: 3A Signal max. / 25A Power max.  
 Rated voltage: 60V Signal / 400V Power  
 Contact resistance: 8mohms max.  
 Rated impulse voltage: 5000V

**IEC/UL 61010-1 SPECIFICATIONS:**  
 Material group: I, II  
 Overload category: III  
 Pollution degree: III

**APPROVALS:**  

**ENVIRONMENTAL SPECIFICATIONS:**  
 Degree of Protection: IP68 / IPX9K  
 Operating Temperature: -40°C ~ +85°C



**POWER CONTACTS:**  
 1, 2, 3

**SIGNAL CONTACTS:**  
 4, 5, 6, 7

**CONTACT ARRANGEMENT  
 (MATING SIDE)**

**NOTE:**  
 1. CONTACTS ORDERED SEPARATELY

**FEMALE POWER CRIMP CONTACTS:**

AWG	P/N
14	PD-HEC-FPC-14
16	PD-HEC-FPC-16

**FEMALE SIGNAL CRIMP CONTACTS:**

AWG	P/N
16	PD-HEC-FSC-16
18	PD-HEC-FSC-18
20	PD-HEC-FSC-20
26-22	PD-HEC-FSC-26

**ACCESSORIES:**

**CRIMP TOOL FOR CONTACTS:**  
 P/N: PD-HEC-CT

**SIGNAL CONTACT EXTRACTION TOOL:**  
 P/N: PD-HEC-SCET

**POWER CONTACT EXTRACTION TOOL:**  
 P/N: PD-HEC-PCET

**PROTECTION CAP:**  
 P/N: PD-HEC-FCC-CAP

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: HARSH ENVIRONMENT CONNECTOR  
 FEMALE CABLE CONNECTOR**

DRAWN BY: PB	DATE: 7/28/14
CHECK BY:	DATE:
APPR BY:	DATE:

<b>PD-HEC-FCC</b>		SHEET 1 of 1
PART #:	SCALE: NTS	
ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS		REV:

REV	DATE	CHANGE	CHK	CHK	APPR