3. SPECIFICATIONS:

- CURRENT RATING: 7.5 AMPS MAX
- TEMPERATURE RATING: -55°C TO +125°C
- INSULATION RESISTANCE: 1000 MEGOHMS MIN
- DWV AT SEA LEVEL: 100 VDC
- CONTACT RETENTION: 9 lb MINIMUM AXIAL LOAD
- ENGAGEMENT FORCE: 18 oz MAX
- SEPARATION FORCE: 0.7 oz MIN

* = STRANDED WIRE TERMINATION OPTIONS ALSO AVAILABLE. CONTACT CRISTEK FOR DETAILS.
### SHELL SIZE

<table>
<thead>
<tr>
<th>SHELL SIZE</th>
<th>A ± .015</th>
<th>BP</th>
<th>BS</th>
<th>C</th>
<th>DP</th>
<th>DS ± .015</th>
<th>E ± .015</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - (9 STD / 15 HD)</td>
<td>1.213</td>
<td>.666</td>
<td>.643</td>
<td>.984</td>
<td>.330</td>
<td>.311</td>
<td>.494</td>
<td>.766</td>
<td>.427</td>
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<tr>
<td>2 - (15 STD / 26 HD)</td>
<td>1.541</td>
<td>.994</td>
<td>.971</td>
<td>1.312</td>
<td>.330</td>
<td>.311</td>
<td>.494</td>
<td>1.090</td>
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<tr>
<td>3 - (25 STD / 44 HD)</td>
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<td>1.534</td>
<td>1.511</td>
<td>1.852</td>
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<td>.311</td>
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<td>1.632</td>
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<tr>
<td>4 - (37 STD / 62 HD)</td>
<td>2.729</td>
<td>2.182</td>
<td>2.159</td>
<td>2.500</td>
<td>.330</td>
<td>.311</td>
<td>.494</td>
<td>2.279</td>
<td>.427</td>
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<tr>
<td>5 - (50 STD / 78 HD)</td>
<td>2.635</td>
<td>2.079</td>
<td>2.064</td>
<td>2.406</td>
<td>.442</td>
<td>.423</td>
<td>.605</td>
<td>2.185</td>
<td>.539</td>
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<tr>
<td>6 - (104 HD)</td>
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<td>.504</td>
<td>.486</td>
<td>.678</td>
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</table>

### BASIC SHELL DIMENSIONS

- A: 1.213
- B: 2.182
- C: 2.500
- D: 2.500
- E: 2.279
- F: 2.064
- G: 2.159

### PIN CONNECTOR

- Optional Cinch Nut

### SOCKET CONNECTOR

- DP: 2.079
- BS: 1.534
- E: 1.312

### RIGHT ANGLE P.C.B. MOUNT

- See Catalog M24308 for PCB Hole Patterns

### STRAIGHT P.C.B. MOUNT

- Note: Leads for Standard Density Contacts will be \(0.030\)"
- Leads for High Density Contacts will be \(0.020\)"

### SOLDER CUP

- See Catalog M24308 for Typical Termination Details

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**TOLERANCE:**

- \(XXX ±.005\)
- \(XX ±.01\)
- \(ANGLE ±1°\)

**DOCUMENT:**

- TITILE: FILTERED D-SUBMINIATURE CONFORMING TO M24308, STANDARD AND HIGH DENSITY
- SHEET: 2 of 4
- DWG. NO.: FDX
- REV. D

**CRISTEK.COM**

- 888.265.9162
FILTERED D-SUBMINIATURE CONFIRMING TO M24308, STANDARD AND HIGH DENSITY

TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

SOCKET INSERT MATING FACE (RECEPTACLE) FOR STANDARD DENSITY
CONTACT SIZE #20

PIN INSERT MATING FACE (PLUG) FOR STANDARD DENSITY
CONTACT SIZE #20

SOCKET INSERT MATING FACE (RECEPTACLE) FOR HIGH DENSITY
CONTACT SIZE #22D

PIN INSERT MATING FACE (PLUG) FOR HIGH DENSITY
CONTACT SIZE #22D

CRISTEK.COM 888.265.9162
### MOUNTING METHODS

<table>
<thead>
<tr>
<th>SHELL SIZE (NO. OF POS. &amp; LAYOUT)</th>
<th>MOUNTING METHOD</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
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<tbody>
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<td>1 - (9 STD / 15 HD)</td>
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<tr>
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<td>REAR</td>
<td>2.250</td>
<td>2.500</td>
<td>.617</td>
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</tbody>
</table>

### STANDARD CUTOUT

- FRONT MOUNTING
- REAR MOUNTING

### OPTIONAL CUTOUT FOR REAR MOUNTING

- PANEL

---

**Series FDX**

**Title:** Filtered D-Subminiature Conforming to M24308, Standard and High Density

**Tolerance:** 

- .XXX ± .005
- .XX ± .01
- ANGLE ± 1°

**Contact:** Cristek.com 888.265.9162