# Micro-PSI High-Speed, High Pressure ILI Connector

## 7071-0730 Micro PSI COAX Flying Lead Assembly

### 7071-0730 MICRO PSI COAX FLYING LEAD ASSEMBLY

| MIcro-PSI - How To Order | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sample Part Number** | **7071-0730** | **-6** | **MEI** | **-Z1** | **P** | **N** | **-40** |
| **Series / Basic P/N** | **7071-0730** = Micro PSI COAX Plug to Plug Cable Assembly | | | | | | |
| **Connector Style** | **5** - CCR (Cable Connecting Receptacle, Not Shown)<br>**6** = FCR (Flange Mount Receptacle)<br>**7** = BCR (Bulkhead Mount Receptacle) | | | | | | |
| **Shell Size / Contact Layout** | **ME1** (See Insert Arrangements diagram pg. 57) | | | | | | |
| **Shell Material** | **Z1** = Stainless Steel | | | | | | |
| **Contact / Termination Style** | **P** = Coax Pin | | | | | | |
| **Clocking Position** | **N** = Normal, **A**, **B**, **C** (See page 59) | | | | | | |
| **Cable Length (inches)** | **Length** in inches, i.e. 4 equals 4 inches; (Minimum 6 inches) | | | | | | |

### Performance Ratings

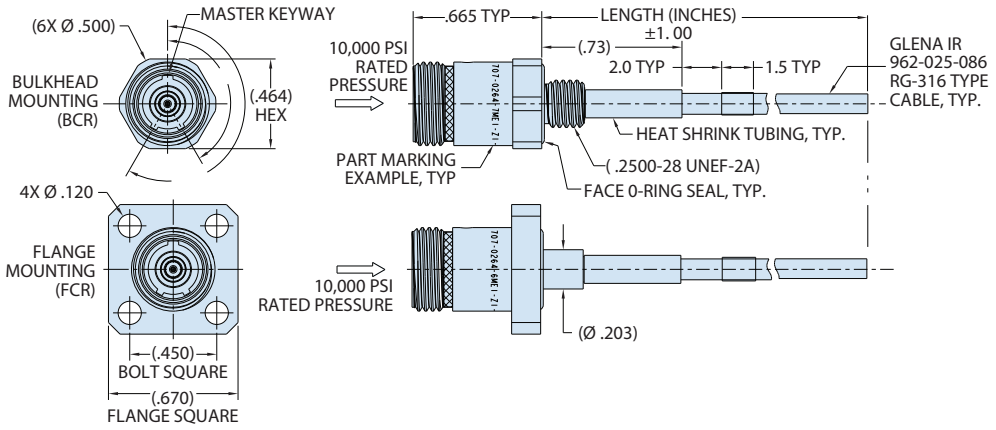
Pressure rated to 10,000 psi (open face and mated)

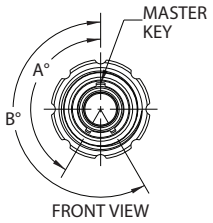
100% Electrical test for shorts, dielectric withstanding voltage at 750 vac and (center conductor -to- outer conductor only).

Connector 100% hermeticity tested <1x10$^{-7}$ ccHe @ 1 atm pressure differential then electrical tested.

Frequency range: up to 2.5 GHz.

For pressure caps, see drawing 709-100.




| Key Position | Key Rotation X° | Key Rotation Y° |
|---|---|---|
| Normal (N) | 150° | 210° |
| A | 75° | 210° |
| B | 95° | 230° |
| C | 140° | 275° |

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