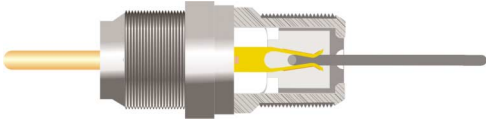
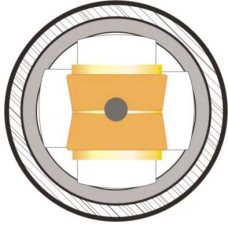


### PCT Digital Seizure Mechanism



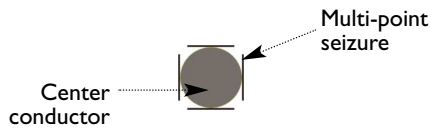
DSM Cross Section: Unique configuration and beryllium copper composition provide superior leverage and durability for maximum center conductor retention

### End View of F6I with DSM



Patented inner profile makes contact over wider surface area than "360" contacts

### Typical "360" Contact



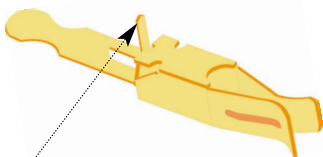
Most "360" seizures are simply multi-tined contacts with low center conductor coverage

### DSM = Superior Holding Power



The DSM can hold over 200 grams over a wide range of center conductor diameters after multiple entries (SCTE standard: 28 grams)

### Extra Surge Protection



Patented spark gap re-directs surges before entering the circuit board, preserving long-term performance



## A Tight Grip on Your Investment

When it comes to "F" port seizures, maintaining a solid grip on the center conductor over a long time period is essential. PCT's innovative **Digital Seizure Mechanism (DSM)** is a field-proven device that provides high contact force over a wide surface area, while offering unsurpassed electrical performance by delivering a perfect impedance match. Unlike so-called "360" contacts, which are nothing more than multi-point contacts, the DSM's unique inner profile makes contact over a wider area with more mechanical force. It is one of only a few contacts available that can truly pass the SCTE standard for center conductor retention<sup>1</sup>, without the assistance of plastic insulators that will relax over time. Try it for yourself on the drop passives that you are using.

The patented DSM also incorporates a unique spark gap that re-directs transient surges to ground prior to entering the circuit board, providing additional protection.

The DSM comes standard on all of PCT's high-performance drop products, including:

- ▶ Genesys I Digital Drop Passives
- ▶ Genesys II Digital Drop Passives
- ▶ Multimedia Drop Amplifiers
- ▶ F81's (Gold Series)
- ▶ Ground Blocks (Platinum Series)
- ▶ Multimedia Taps

<sup>1</sup> SCTE Standard IPS-TP-405: Seizure must hold 28 grams on 0.022 diameter wire after 30 insertions with 0.051 diameter wire.

*The drop solution™*



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