



FEATURES and BENEFITS

- Mates with .020" by .020" square headers and Hard Metric headers
- 350Mhz MAX Bandwidth when using coax
- Use with Coax or Hook Up wire for signals or power delivery
- Welded terminations
- Dual Shoulders provided for mechanical support hardware
- Beveled edges indicate signal/shield orientation

ELECTRICAL

- Contact Resistance: 2.7 milliohms average
- Current Rating: 1A per contact
- Insulation Resistance: >10 Gohms

Joy Signal Catalog Designator "85"

MECHANICAL

- Contact Material: Copper Alloy
- Contact Finish: High Performance Au/Ni plating
- Insertion Force: 68 grams/contact average
- Withdrawal Force: 48 grams/contact average
- Dielectric Material: High temp resin
- Pin Insertion depth: .425" MAX; .250" MIN
Pins .125" to .250" can be used as long as the connector is held in place by additional support hardware

ENVIRONMENTAL

- Material: U.L. Rated 94 V-0
- Temperature Rating: -20°C to +100°C

For the name and location of your nearest Joy Signal Technology Sales Representative call 888-891-3551 or visit us at www.joysignal.com