The D*NG, straight pressfit termination, is based upon the specification CECC 75 301 802. These connectors provide a low-cost alternative to traditional through hole solder contacts. Utilizing stamped "Eye of the Needle" compliant contact tails per IEC-352-5, the parts are quickly and easily mounted onto PCBs without soldering, crimping or specialized tooling. The socket contact engaging area utilizes a "spoon" shape with four points of interconnection.

Applications:
- Communication Systems
- Information Systems
- Medical
- Test Equipment

(i) For more information: www.ittcannon.com/cat237

Product Features

- Quick and easy press-in installation without specialized tooling.
- "Spoon" socket contact provides improved interface compared to "Tuning Fork".
- Closed-entry socket for secure blind mating.
- Front-shell only design based on CECC 75 301 802.
- "Eye of the Needle" compliant contact tails.
- Press-in bolt for ground continuity.
- #4-40 UNC and M3 hardware options.

Performance Specifications

Contact Resistance	10 mΩ
Contact Spacing	2,84 (.112)
Contact Termination	Press-in
Coupling	Friction/hardware
Current Rating	5 A at 25°C (77°F); 3.5 A at 70°C (158°F) ambient
Number of Circuits	Up to 50: 9, 15, 25, 37, 50
Operating Temperature	–55°C to 125°C (–67°F to 257°F)
PC Board Thickness	2,40 to 3,20 (.095 to .125)
PC Tail Press-in Force	100 N per contact max.
PC Tail Push-out Force	30 N per contact min.
Plated Through Hole	Ø 0,94 to 1,09 (.037 to .043)
Polarization	Keystone shape of shell
Shell Style	1 piece design
Size or length	5 sizes – E, A, B, C, D
Test Voltage	1200 V ac rms at sea level

Materials and Finishes

Description	Material	Finish
Shell	Steel	Tin
Insulator	Thermoplastic, UL 94V-0	Color: Black
Contact	Copper Alloy	Gold over Nickel (Standard) or Gold
Hardware	Steel or Copper Alloy	Tin

(i) Please contact your local Cannon representative: www.ittcannon.com/support/ContactUs

◇ **ITT Industries**

Cannon

Dimensions are shown in mm (inch)
Dimensions subject to change

www.ittcannon.com

Version 05.01.03

D Subminiature