

PRODUCT SPECIFICATION

1/4" JACK - 3 POLE (NICKEL)

Sheet No. **PS 0827**

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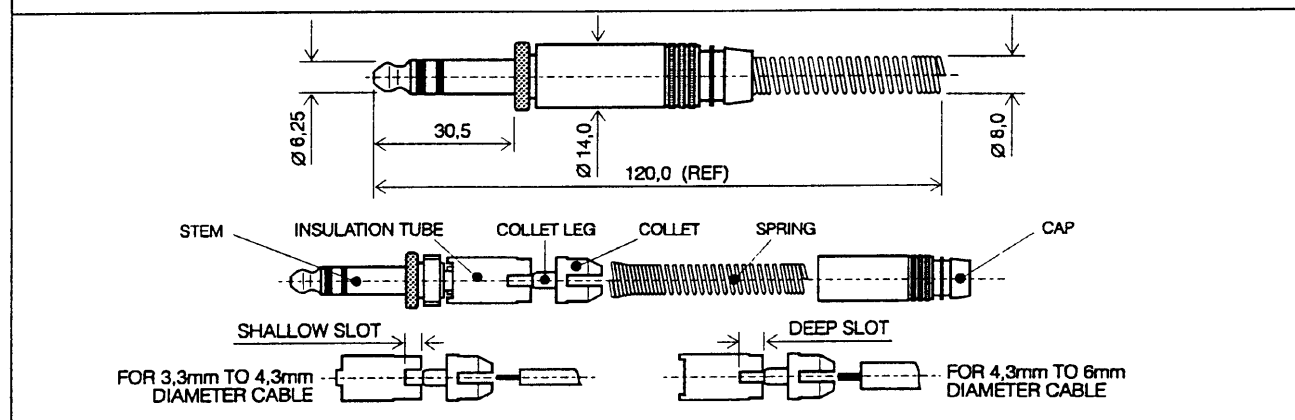
Issue No. 2

Sheet 1 of 1

Signature

Deltron Part No. **329-0001**

Dimensions



Features

The collet is in two pieces, collet and insulation tube. The collet is split for easy assembly onto the cable and features internal cable gripping teeth. It includes two anti-rotation pegs which mate with two slots on the jack stem. These pegs are to stop the collet assembly from twisting the cable when the cap is engaged on the stem threads. On the other end there are two slots at different depths. The particular slots chosen when assembling the collet depends on the cable size being used. The deep slots are for cable sizes 4,3mm to 6mm and the shallow slots for cable sizes 3,3mm to 4,3mm. The advantage of this collet assembly is that it provides uniform retention for both thick and thin cables.

When the collet is engaged to the tube it is retained by a channel on the collet legs. This stops the collet from moving out of position when being assembled. In addition there is a protrusion in the small slot which forces the collet legs against the retaining webs in the slot and prevents the collet from collapsing when the cap is screwed down.

The centre contact is made from copper which improves the electrical conductivity, as well as maintaining plug operation should the tip be bent due to misuse. The ground contact is affixed to the sleeve before the complete assembly is riveted together, providing mechanical and electrical stability and reliability even in difficult environments.

Description

SOLDER TERMINALS

A 3 pole jack plug with full shielding suitable for rugged conditions. Ideal for use with electrical instruments, amplifiers, guitars, synthesizers, tape decks and loud speaker systems. A two-position collet design allows for a good range of cable retention. Designed for maximum reliability in tough environments, plug quality will not deteriorate even after years of use.

WEIGHT : 30g

Specification

MATERIAL

BODY	: Brass sleeve, nickel plate Copper tip
COLLET	: Nylon 66
CAP	: Brass, nickel plate
STRAIN RELIEF SPRING	: Spring Steel, nickel plate
INSULATION	: Nylon

ELECTRICAL PROPERTIES

CONTACT RESISTANCE	: less than 3 milli ohms
INSULATION RESISTANCE	: 10^9 ohms
WITHSTANDING VOLTAGE	: 1 Kilo Volt
CONTACT CURRENT RATING	: 5 Amps
TEMPERATURE RANGE	: -20°C to +65°C
VOLTAGE RATING	: 125 Volts a.c.