

Nano Strip Series

Nano Strip Series Engineering Number Definitions

Connector definition **

** For double ended assemblies, include connector definition for both ends separated by a forward slash (/)

Nano Strip Series NS = Nano Strip Insulator Material R = PPS Size (No. of Contacts) 2 Min to 40 Max 02 = 2 position 03 = 3 position Etc. (Mounting/Mating Hardware will reduce the maximum number of positions available) Contact Gender P = Pin S = Socket Mounting/Mating Hardware (May be Combined as required, options are separated by a dash) 0 = No Mating Hardware 1 = One Guide Pin (Socket Side), One Guide Pin Hole (Pin Side) 2 = Guide Pin on each end (Socket Side) Guide Pin Hole on each end (Pin Side) 4 = Mounting Holes at each end LH = Horizontal latch before position 1 LH2 = Horizontal latch at each end LC = Center Latch GX = Guide pin in position X LX = Vertical latch where X is the contact position immediately following the latch. (i.e. L2 = Vertical latch positioned before position 2)	NS R 05 P 1 - 30 F 1 - L01 - 18.0 - HT SPL Special designator - SPL is to be added to the end of the part number if the connector cannot be fully defined by the rest of the engineering number Temperature Rating (Omit for standard Temp, 125°C) Blank = 125°C HT = 200°C LO = 4 Kelvin (only available with flat tail leads) Lead Length XX.X = Length in Inches MXX = Metric Length (CM) Circuit Termination L01 = .050" Offset L03 = .050" In-Line L05 = Surface Mount L06 = Surface Mount Vertical Wire Color (Insulated Wire) or Plating (Uninsulated Wire/Flat Tail) 1 = All White 2 = All Yellow 3 = Pure Tin Plated (Uninsulated Wire/Flat Tail) (RoHS Compliant) 4 = Gold Plated (Uninsulated Wire/Flat Tail) (RoHS Compliant) 6 = Color Code per MIL-STD-681, Repeat Solid Colors L = Tin/Lead (minimum 3% Lead) plated (Uninsulated Wire/Flat Tail) (Not RoHS Compliant) (Not Available with high temp (HT) connectors) Wire Type C = Solid Wire, Uninsulated F = Type ET, PTFE Insulated, Per NEMA HP3 (Formerly per M16878/6) Y = Tefzel Insulated per AS22759/33 (30 AWG Only) A = Insulated Wire per DSCC 04047-30A (White, 30 AWG Only) T = Flat Integral Tail (Uninsulated) Wire Gauge 30 & 32 AWG
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(i.e. L2 = Vertical latch positioned before position 2)

