

Nano Wired Series

Nano Wired Series Engineering Number Definitions

Connector Definition **													(Omit if EMI shell not required)									
N	M	L	E	09	2	P	07	-	30	F	6	-	18.0	-	S01	-	HT	-	1	0	0	SPL
Nano Wired Series													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									
Shell Material M = Metal Shell P = Plastic Shell													Outer covering 0 = None 1 = M23053/5 Shrink Tubing 2 = M23053/18 Shrink Tubing 3 = Nomex Braid 4 = Expando Plastic Braid									
Insulator Material L = LCP													Inner Shield 0 = No Shield 1 = Tin Plated Copper 2 = Nickel Plated Copper 3 = Silver Plated Copper									
Integral EMI Shell (Omit if EMI shell not required) (Only available with metal shell (M))													Cable Exit Angle 1 = Straight 2 = 90° toward lobe side 3 = 90° away from lobe side 4 = 45° toward lobe side 5 = 45° away from lobe side									
Size (No. of Contacts) 09, 15, 21, 25, 31, 37, 51, 65, & 69													Temperature Rating (Omit for standard Temp, 125°C) Blank = 125°C HT = 200°C LO = 4 Kelvin (only available with flat tail leads)									
Insulator Type 1 = Single Row (Up to size 51) 2 = Dual Row													Shell Plating or Material (Omit for plastic shell or cadmium plating) Blank = Cadmium S01 = Electroless Nickel S02 = Chem Film S03 = Black Anodized S04 = Gold S05 = Titanium S06 = Olive-Drab Cadmium S07 = Black Nickel S08 = Nickel-PTFE S09 = Stainless Steel, Passivated S10 = Zinc Nickel									
Contact Gender P = Pin S = Socket													Lead Length XX.X = Length in Inches MXX = Metric Length (CM)									
Hardware 0 = No Hardware 01 = Phillips Head Jackscrews 02 = Hex Head Jackscrews 04 = Latch 05 = Slotted Head Jackscrews 06 = Floating Phillips Head Jackscrews (Female Only) 07 = Threaded Hole 08 = Floating Hex Head Jackscrews (Female Only) 09 = Floating Slotted Head Jackscrews (Female Only)													Wire Color (Insulated Wire) or Plating (Uninsulated Flat Tail) 1 = All White 3 = Tin/Lead (minimum 3% Lead) plated (Uninsulated Wire/Flat Tail) (Not RoHS Compliant) (Not Available with high temp (HT) connectors) 4 = Gold Plated (Uninsulated Wire/Flat Tail) (RoHS Compliant) 6 = Color Code per MIL-STD-681, Repeat Solid Colors									
Wire Gauge (Omit for Integral Tail contacts) 30 & 32 AWG																						
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)																						

** For double ended assemblies, include connector definition for both ends separated by a forward slash (/)
Excludes Integral Shell assemblies ("E" option)

