

Insulator Material:
Black Liquid Crystal Polymer
(-S & -D) or
Black High Temperature
Thermoplastic (-T)
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over
50 μ " (1.27 μ m) Ni
Current Rating (SSW/TSM):
4.7 A per pin
(1 pin powered per row)
Current Rating (SSQ/TSW):
6.3 A per pin
(1 pin powered per row)
Operating Temp Range:
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin
Contact Resistance:
10 m Ω
Insertion Depth:
(3.68 mm) .145" to
(6.35 mm) .250"
Normal Force:
Standard= 125 grams (4.4 N)
Max Cycles:
100 with 10 μ " (0.25 μ m) Au
Voltage Rating:
550 VAC mated with TSW
RoHS Compliant:
Yes

PROCESSING

Lead-Free Solderable:
Yes:
-S and -D row option
Wave only:
-P, -T and -Q row option

RECOGNITIONS

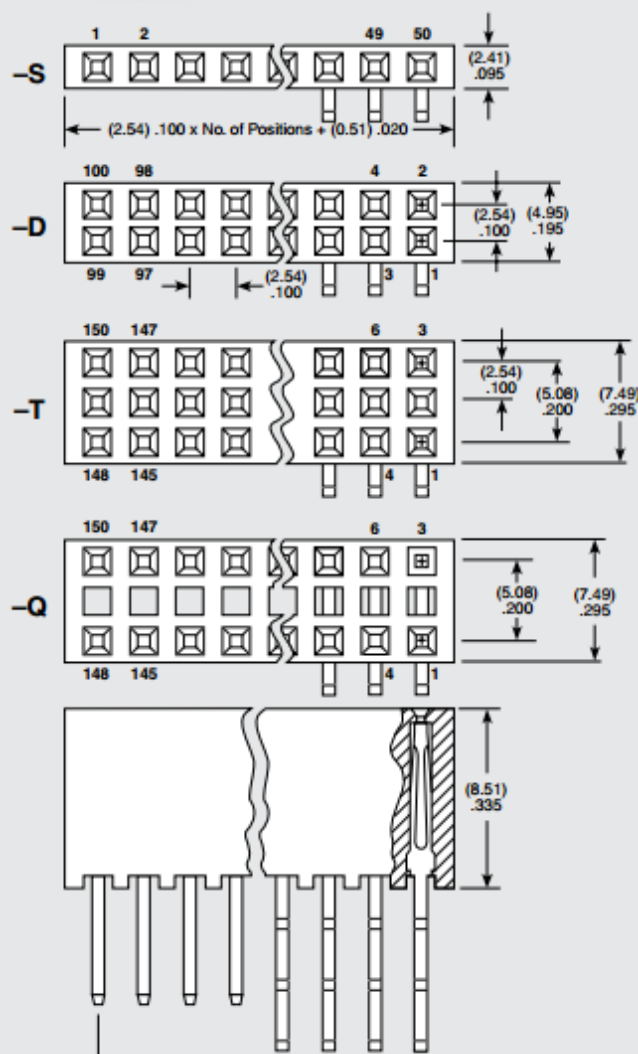
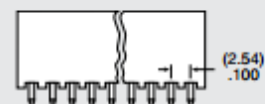
For complete scope
of recognitions see
www.samtec.com/quality



SSW = Solder Tail

SSQ = Square Tail

-1 = (2.54 mm) .100" Centers



01
thru
50

Note: