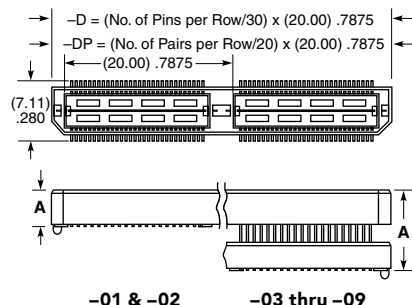




(0.50 mm) .0197" PITCH • QTH/QSH SERIES

Standoffs:
SQ

Insulator Material:
Liquid Crystal Polymer
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Current Rating:
Contact:
2 A per pin (2 pins powered)
Ground Plane:
25 A per ground plane
(1 ground plane powered)
Operating Temp Range:
-55 °C to +125 °C
Voltage Rating:
175 VAC (5 mm Stack Height)
Max Cycles:
100

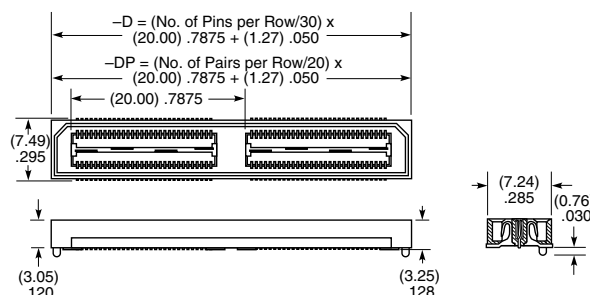


*Processing conditions will affect mated height. See SO Series for board space tolerances.

-01 & -02 -03 thru -09

SMT Lead Coplanarity:
(0.10 mm) .004" max
(030-060)
(0.15 mm) .006" max (090)*
*(.004" stencil solution may
be available)

PISMO™ 1:
Visit samtec.com/standards
for more information.



-F
= Gold flash on contact,
Matte Tin on tail

-L
= 10 μ " (0.25 μ m) Gold on
contact, Matte Tin on tail

-C
= 50 μ " (1.27 mm) Electro-
Polished Selective Gold on
contact, Matte Tin on tail
(passes 10 year MFG testing)

-D
= Single-
Ended

-D-DP
= Differential
Pair
(-01 only)

-K
= (8.25 mm) .325"
DIA Polyimide film
Pick & Place Pad

-L
= Latching Option
(-01 lead
style only)
(N/A on
-060 (-D-DP)
& -090)

-TR
= Tape & Reel

-FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)