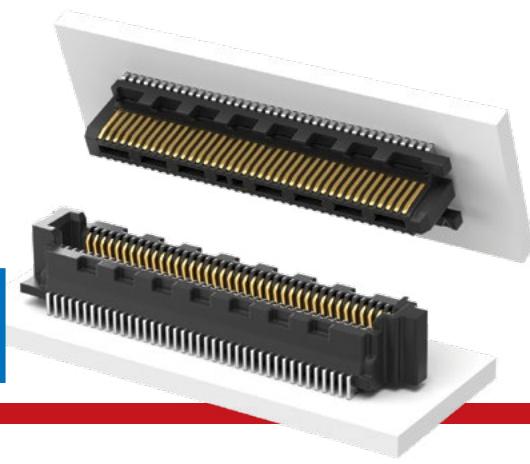


MICRO BLADE & BEAM SOCKET & HEADER

28
Gbps

(0.40 mm) .0158" PITCH • SS4/ST4 SERIES



SS4
Mates:
ST4

SS4 - **POSITIONS PER ROW**

-10, -20,
-30, -40, -50

**LEAD
STYLE**

-3.00
= 3.00 mm
-3.50
= 3.50 mm

**PLATING
OPTION**

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

D - **K**

(Required in
callout)
-K
= (3.50 mm)
.138" DIA
Polyimide
Film
Pick &
Place Pad

"X"R

(Required
in callout)
-TR
= Tape & Reel

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

SPECIFICATIONS

Insulator Material:
Black LCP

Contact Material:
Phosphor Bronze

Plating:

Au or Sn over
50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 $^{\circ}$ C to +125 $^{\circ}$ C

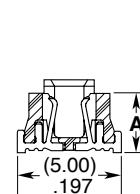
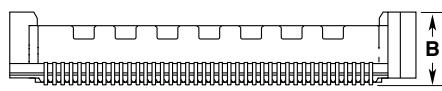
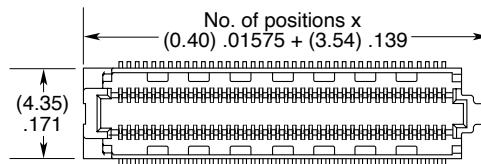
Current Rating:

1.6 A per pin
(2 pins powered)

PROCESSING

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0.10 mm) .004" max



LEAD STYLE	A	B
-3.00	(2.85) .112	(3.50) .138
-3.50	(3.35) .132	(4.00) .157

ST4 - **POSITIONS
PER ROW**

-10, -20,
-30, -40, -50

**LEAD
STYLE**

-1.00
= 1.00 mm
-1.50
= 1.50 mm
-2.50
= 2.50 mm

**PLATING
OPTION**

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

D - **P**

(Required in
callout)
-P
= Pick &
Place Pad

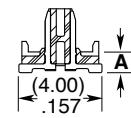
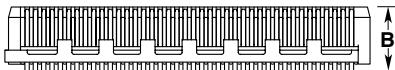
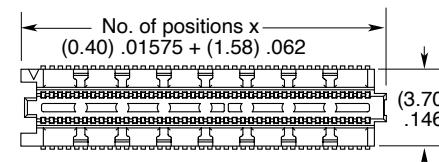
"X"R

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

MATED HEIGHT *

ST4 LEAD STYLE	SS4 LEAD STYLE	
-3.00	-3.00	-3.50
-1.00	(4.00 mm) .157"	(4.50 mm) .177"
-1.50	(4.50 mm) .177"	(5.00 mm) .197"
-2.50	(5.50 mm) .217"	(6.00 mm) .236"

*Processing conditions
will affect mated height.



LEAD STYLE	A	B
-1.00	(1.00) .039	(3.08) .121
-1.50	(1.50) .059	(3.58) .141
-2.50	(2.50) .098	(4.58) .180

Note:

Some lengths, styles and
options are non-standard,
non-returnable.