MICRO BLADE & BEAM SOCKET & HEADER

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

SS4 Mates:

ST4

ST4 Mates:

SPECIFICATIONS

Insulator Material: Contact Material: Phosphor Bronze
Plating:
Au or Sn over
50 μ" (1.27 μm) Ni
Operating Temp Range:
-55 °C to +125 °C **Current Rating:** 1.6 A per pin (2 pins powered) Voltage Rating: 155 VAC/219 VDC

PROCESSING

Lead-Free Solderable:

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

POSITIONS PER ROW

–10, –20, -30, -40, -50

-3.00 $= 3.00 \, \text{mm}$

STYLE

-3.50 $= 3.50 \, \text{mm}$ **PLATING OPTION**

= 10 µ" (0.25 µm) Gold on contact, Matte Tin

on tail

(Required in (Required

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

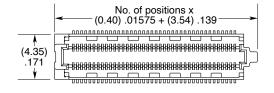
K

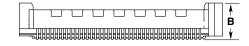
in callout)

"X"R

-TR = Tape & Reel

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







Б

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

MATED HEIGHT* SS4 LEAD STYLE

	LEAD STYLE	334 LEAD STILE		
		-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.

POSITIONS

-10, -20,

-30, -40, -50

-1.00= 1.00 mm-1.50

= 1.50 mm -2.50 = 2.50 mm

= 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail

PLATING

OPTION

(Required in callout)

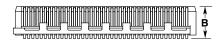
-P = Pick & Place Pad (Required in callout)

"X"R

-TR = Tape & Reel

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

No. of positions x (0.40) .01575 + (1.58) .062	,
	(3.70)
000000000000000000000000000000000000000	.146
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LEAD STYLE	A	В
-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.