

(1,00 mm) .0394"

BKT, BKS SERIES

POLARIZED MICRO HEADER & SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?BKT or www.samtec.com?BKS

Insulator Material:

Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating: Au or Sn over

50µ" (1,27 µm) Ni

Current Rating: 2.8 A per pin

(1 pin powered per row)

Operating Temp Range:

-55°C to +125°C

Contact Resistance: 15 mΩ

Insertion Depth:

(1,40 mm) .055" minimum

Insertion Force:

(Single contact only)

1.5 oz (0,42 N) average

Normal Force:

40 grams (0,39 N) average

Withdrawal Force:

(Single contact only)

.75 oz (0,20 N) average

Max Cycles:

100 with 10µ" (0,25 µm) Au

RoHS Compliant: Yes

Processing:

Lead-Free Solderable: Yes

SMT Lead Coplanarity:

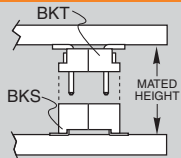
(0,10 mm) .004" max

RECOGNITIONS

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



APPLICATIONS



BKT LEAD STYLE	MATED HEIGHT*
-01	(4,14) .163
-02	(4,50) .177
-03	(5,00) .197
-04	(6,00) .236
-05	(7,00) .276

*Processing conditions will affect mated height.



Note: Some sizes, styles and options are non-standard, non-returnable.

BKT	1	NO. OF POSITIONS	BODY STYLE	PLATING OPTION	V	OPTIONS																								
Mates with: BKS			Specify BODY STYLE from chart	-F = Gold flash on post, Matte Tin on tail -L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail	-S = Shrouded (15 positions minimum) -A = Alignment Pin (Metal or plastic at Samtec discretion) (13 positions minimum) -P = Pick & Place Pad (13 positions minimum) -TR = Tape & Reel Packaging																									
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BKS	1	NO. OF POSITIONS	01	PLATING OPTION	V	OPTIONS																								
Mates with: BKT			Specify BODY STYLE from chart	-F = Pre-plated Gold flash on contact, Matte Tin on tail -L = Pre-plated 10µ" (0,25 µm) Gold contact, Matte Tin on tail	-A = Alignment Pin (Metal or plastic at Samtec discretion) (11 positions minimum) -P = Pick and Place Pad (13 positions minimum) Not always necessary for auto placement. -TR = Tape & Reel Packaging																									
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