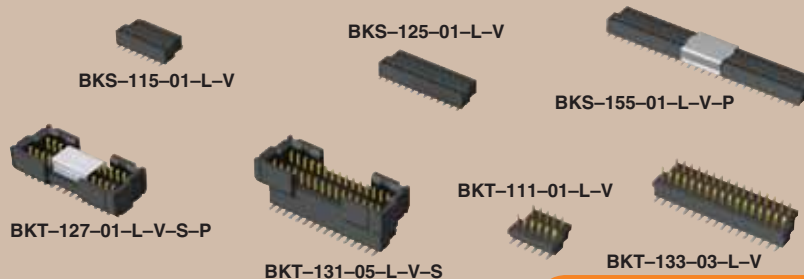


(1,00 mm) .0394"

**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:

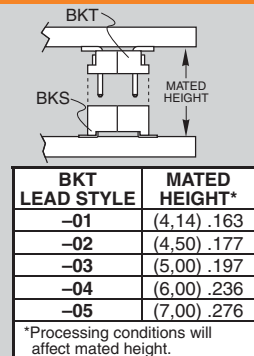
(0,10 mm) .004" max

RECOGNITIONS

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



APPLICATIONS



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																									
07 thru 69 (Odd lead counts only)			<table border="1"> <thead> <tr> <th>BODY STYLE</th> <th>A</th> <th>B</th> <th>BOARD SPACE (Mated with BKS)</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>(1,93) .076</td> <td>(3,91) .154</td> <td>(4,14) .163</td> </tr> <tr> <td>-02</td> <td>(2,29) .090</td> <td>(4,27) .168</td> <td>(4,50) .177</td> </tr> <tr> <td>-03</td> <td>(2,79) .110</td> <td>(4,78) .188</td> <td>(5,00) .197</td> </tr> <tr> <td>-04</td> <td>(3,78) .149</td> <td>(5,77) .227</td> <td>(6,00) .236</td> </tr> <tr> <td>-05</td> <td>(4,80) .189</td> <td>(6,78) .267</td> <td>(7,00) .276</td> </tr> </tbody> </table>		BODY STYLE	A	B	BOARD SPACE (Mated with BKS)	-01	(1,93) .076	(3,91) .154	(4,14) .163	-02	(2,29) .090	(4,27) .168	(4,50) .177	-03	(2,79) .110	(4,78) .188	(5,00) .197	-04	(3,78) .149	(5,77) .227	(6,00) .236	-05	(4,80) .189	(6,78) .267	(7,00) .276	-A OPTION -P OPTION -S OPTION	
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-05	(4,80) .189	(6,78) .267	(7,00) .276																											

BKS	1	NO. OF POSITIONS	01	PLATING OPTION	V	OPTIONS
Mates with: BKT			-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	
07 thru 69 (Odd lead counts only) (07 positions available with -TR only)			-P OPTION -A OPTION			

Due to technical progress, all designs, specifications and components are subject to change without notice.

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