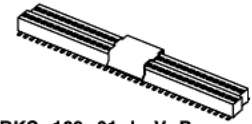




BKS-109-01-L-V



BKS-125-01-L-V



BKS-169-01-L-V-P

Surface
SMT
Mount

1mm POLARIZED SOCKET BKS SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?BKS

Insulator Material: Black LCP

Contact Material: Phosphor Bronze

Current Rating: 1.5A @ 80°C ambient

Operating Temp Range: -65°C to +125°C

Plating: Au over 50µ" (1,27µm) Ni

Contact Resistance: 15 m max

Insertion Depth: (1,40mm) .055" minimum

Insertion Force: (Single contact only) 1.5oz (0,42N) average

Normal Force: 40 grams (0,39N) average

Withdrawal Force: (Single contact only) .75oz (0,20N) average

Max Cycles: 100 with 10µ" (0,25µm) Au



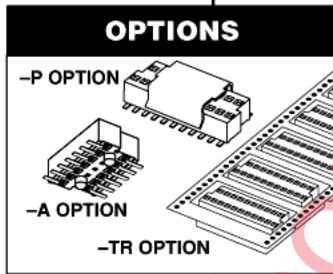
Mates with:
BKT



High reliability
Tiger-Claw contacts

(1,00mm) .03937" micro pitch

Polarization for positive mating



Replaces blade-and-leaf style connectors with pin and socket system

Surface Mount

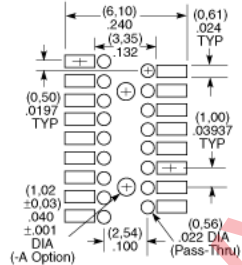
Note: Some sizes, styles and options are non-standard, non-returnable.

Processing:

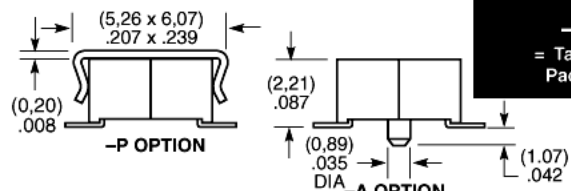
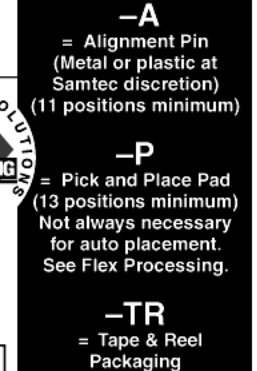
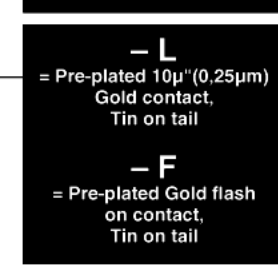
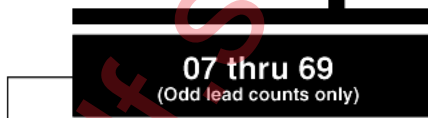
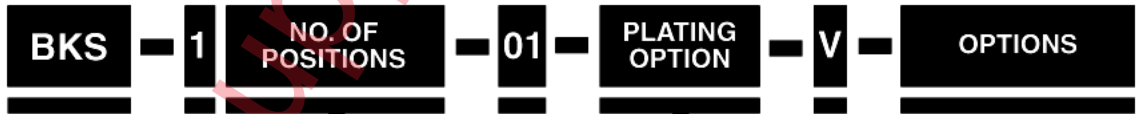
Max Processing Temp: 230°C for 60 seconds

SMT Lead Coplanarity: (0,10mm) .004" max

Suggested PCB Layouts: For reference only. Please contact Samtec or go to www.samtec.com?BKS for recommended PCB layout.

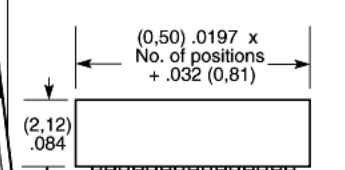


Board fixturing may be required to assure proper alignment for pass-through applications.



TAPE & REEL AVAILABILITY

No tooling charges.
125 piece minimum order.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
Call Samtec for specifications and ordering information.



APPLICATIONS		
Terminal Strip	Socket Strip	Board Space
BKT-1XX-01-X-V	BKS-1XX-01-X-V	(4,14) .163
BKT-1XX-02-X-V	BKS-1XX-01-X-V	(4,50) .177
BKT-1XX-03-X-V	BKS-1XX-01-X-V	(5,00) .197
BKT-1XX-04-X-V	BKS-1XX-01-X-V	(6,00) .236
BKT-1XX-05-X-V	BKS-1XX-01-X-V	(7,00) .276

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

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