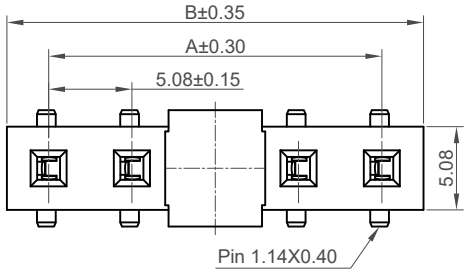
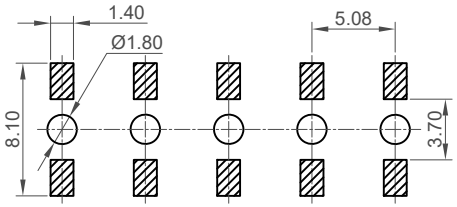
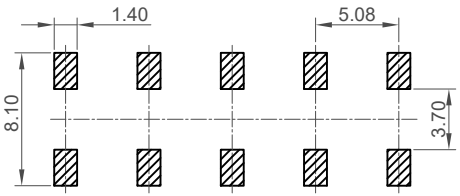




Recommended PCB Layout
Bottom Entry General Tolerance ±0.05

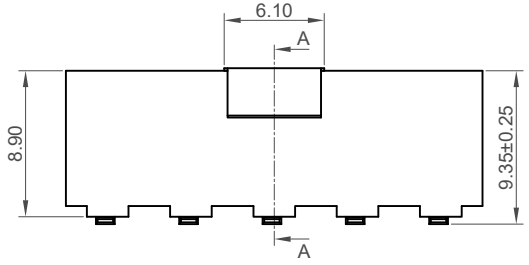
Solder Area

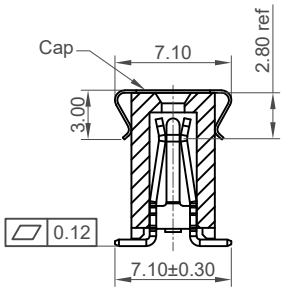


Recommended PCB Layout
Top Entry General Tolerance ±0.05

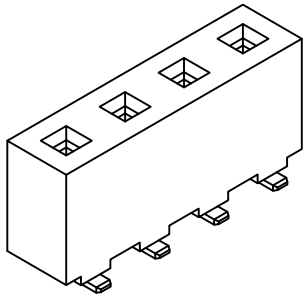
Solder Area

Number of Contacts	Dimensions	
	A	B
2	5.08	10.16
3	10.16	15.24
4	15.24	20.32
5	20.32	25.40
6	25.40	30.48
7	30.48	35.56
8	35.56	40.64
9	40.64	45.72
10	45.72	50.80
11	50.80	55.88
12	55.88	60.96
13	60.96	66.04
14	66.04	71.12
15	71.12	76.20





Section A-A



Specifications

Material
Insulator: LCP, UL94V-0
Contact: Phosphor Bronze

Plating
Contact: Tin All Over
Underplating: Nickel all over

Electrical
Current Rating: 7.9 Amp Per Pin
Contact Resistance: 30 mΩ max.
Insulation Resistance: 1500 MΩ min.
Dielectric Withstand Voltage: 1500 V AC

Mechanical & Environmental
Operating Temperature: -40°C to +105°C
Soldering Process
IR Reflow: 260°C for 10 sec.
Manual Solder: 350°C for 3-5 sec

Mates with
(Subject to Pin Length)
BK010 BK020

For bottom entry applications, stringent soldering control & pin alignment are required as lead to pad misalignment could cause incorrect mating.

Ordering Grid

BK015 — XX — C — X Request Samples and Quotation

No. of Contacts
02 to 15

Contact Plating
C= Tin All Over

Packing Options
E = Tube with Cap *(Standard)*
B = Tape and Reel with Cap
D = Tube

Part Number		Product Description						
BK015		5.08mm Pitch Socket, Single Row, Surface Mount, Vertical,Dual Entry						
Drawing Date								
26th May 2017								
By	CC	Tolerances (Except as Noted)		Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Deca-BDE	© This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	GCT www.gct.co	
Detail	Drawing Release	Length	Angle					
		X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	3rd Angle Projection				
Revision	A1						Not to Scale	Drawn By CC
Date	09/09/21						Sheet No. 1/1	