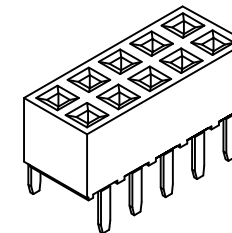
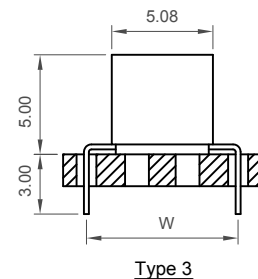
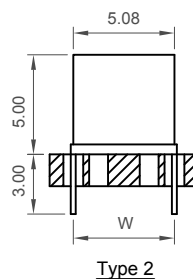
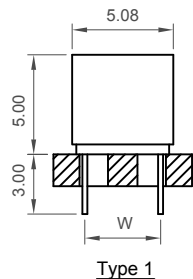
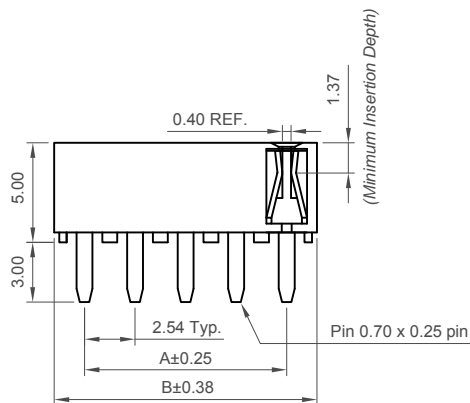


Recommended PCB Layouts



CONTACTS	DIMENSIONS	
	A	B
4	2.54	5.58
6	5.08	8.12
8	7.62	10.66
10	10.16	13.20
12	12.70	15.74
14	15.24	18.28
16	17.78	20.82
18	20.32	23.36
20	22.86	25.90
22	25.40	28.44
24	27.94	30.98
26	30.48	33.52
28	33.02	36.06
30	35.56	38.60
32	38.10	41.14
34	40.64	43.68
36	43.18	46.22
38	45.72	48.76
40	48.26	51.30
42	50.80	53.84
44	53.34	56.38
46	55.88	58.92
48	58.42	61.46
50	60.96	64.00
52	63.50	66.54
54	66.04	69.08
56	68.58	71.62
58	71.12	74.16
60	73.66	76.70
62	76.20	79.24
64	78.74	81.78
66	81.28	84.32
68	83.82	86.86
70	86.36	89.40
72	88.90	91.94
74	91.44	94.48
76	93.98	97.02
78	96.52	99.56
80	99.06	102.10

Specifications 规格

Material 物料
 Contact 端子: Copper Alloy
 Insulator Material 绝缘体:
 Standard 标准: Polyamide, Nylon 6T, UL 94V-0
 Options 可选: Polyester, LCP, UL 94V-0
 Polyester, PBT, UL94-V0

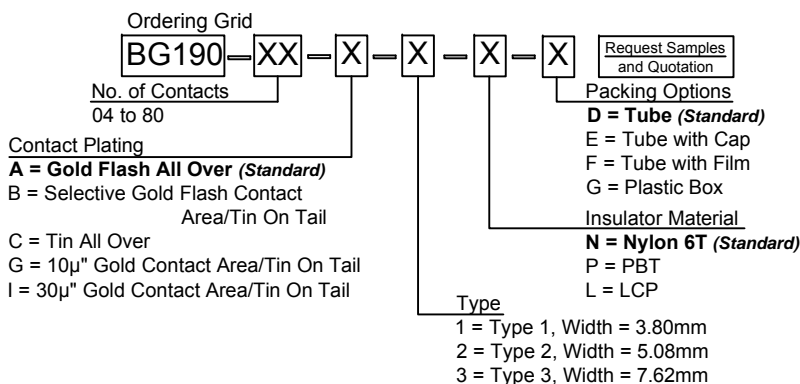
Electrical 电气
 Current Rating 电流额定值: 3 Amp
 Insulator Resistance 绝缘电阻值: 1000 MΩ min.
 Contact Resistance 接触电阻值: 20 mΩ max.
 Dielectric Withstanding 耐电压: AC 600 V

Environmental & Mechanical 机械 & 环境
 Operating Temperature 工作温度: -40° to +105°C
 Soldering Process 可焊性:

Nylon 6T (Standard 标准物料) -
 IR Reflow 回流焊: 260°C for 10 sec.
 Wave 波峰焊: 230°C for 5-10 sec.
 Manual Solder 人工焊接: 350°C for 3-5 sec

LCP (Option 可选物料) -
 IR Reflow 回流焊: 260°C for 10 sec.
 Wave 波峰焊: 250°C for 5-10 sec.
 Manual Solder 人工焊接: 350°C for 3-5 sec

PBT (Option 可选物料) - Manual Solder 人工焊接: 330°C for 3-5 sec.
 (Not suitable for hi-temp process 不适合高温处理)



Mates with 配套之母座 (Subject to pin length 在端子长度适合的条件下)

BG025	BG040	BG045	BG050
BG065	BG070	BG085	

Part Number		Product Description	
BG190		2.54mm Pitch Socket	
Drawing Date		Dual Row, Through-Hole, Dual Entry, Vertical	
30th October 2006			
By	AJO	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BG190 F PCN	Length X ± 0.30	Angle X° ± 5°
Revision	F	X.X ± 0.20	X.X° ± 2°
Date	22/07/15	X.XX ± 0.15	X.XX° ± 1°
		X.XXX ± 0.10	X.XXX° ± 0.5°



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

Global Connector Technology
 www.gct.co

Not to Scale	Drawn By LYH	Sheet No. 1/1
--------------	--------------	---------------