

Recommended  
PCB Layout (±0.05)

**Technical Data:**

Pin (outer sleeve): Brass, machined CuZn38Pb2  
 Clip (Contact 4 Finger): Beryllium copper, heat treated  
 Insulator body (black): PPS polyester UL94V-0 electrical  
 Current rating: 2 Amps/contact max.  
 Mating pin Ø: 0.305/0.483mm  
 Force: (polished steel gauge Ø0.38mm)  
 -Insertion: 0.5N typ  
 -Withdrawal: 0.2N typ  
 Mechanical life: min 100 cycles  
 Contact resistance: 10mΩ/contact  
 Insulation resistance: 1000M at V=100V  
 Operating voltage : 60 AC/DC  
 Soldering temperature: +255°C for 5s


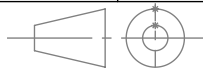
**Order code**

**BL1-###-G410/04-##/12**

No. of contacts  
**002 to 050**

Contact plating  
**55** - Gold flash  
**66** - 0.25µm Gold  
**77** - 0.40µm Gold  
**95** - Tin/Gold flash (standard)  
**99** - Tin

Mate with pin header SL1-###-G220/01-##/12

patented	<b>A4H</b>		Scale <b>4:1</b>	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS GENERAL TOLERANCES ISO 2768m			Remark:
		REV <b>0</b>	Modif:	Name	Date		
	The information contained in this drawing is proprietary to E-tec Interconnect AG and shall not be reproduced or disclosed in whole or in part or used for any design or manufacture except where such user possesses direct, written authorization from E-tec Interconnect AG			DRAWN	lfa	11.04.2024	<b>"E-tec order code"</b> <b>BL1-###-G410/04-##/12</b>
				REV'D	-	-	

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