

SPECIFICATIONS

Mechanical

CONNECTOR MATING FORCE: 100 gf/pin MAX.
CONNECTOR UNMATING FORCE: 6 gf/pin MIN.
Durability: 50 cycles

Electrical

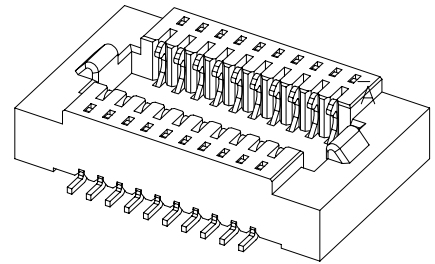
Operating Voltage: 60V AC RMS max.
Current Rating: 0.5A max.
Contact Resistance: 90mΩ max.
Dielectric Withstanding Voltage: 150V AC/1 min.
Insulation Resistance: 1000MΩ

Physical

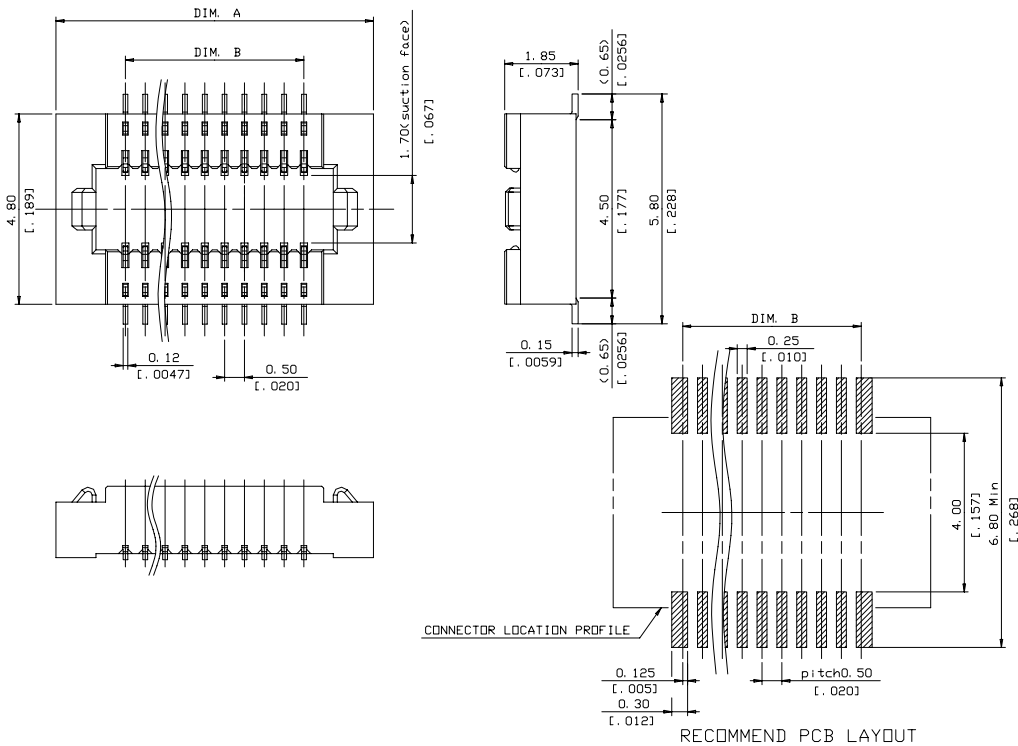
Housing: Hi-Temp. Thermoplastic, UL 94V-0 rated in White Color
Contact: Phosphor Bronze
Plating: See "ORDERING INFORMATION"
Operating Temperature: -55°C to +85°C

Board to Board Connector

QG23 Series
Receptacle, S/T, SMT Type
0.5mm [.0197"] Pitch
2.0mm [.0787"] Mated
Height



DRAWING



ORDERING INFORMATION

PRODUCT NO.: **Q G 2 3 * * 5 9 1 Y - M 0 1 - T R**

- BTB Conn. ————
- Conn. Type ————
- 2=Female
- Body & Terminal Type ————
- 3=S/T,SMT
- Number of Contact ————
- 20=20 Pin
- 24=24 Pin
- 30=30 Pin
- 80=80 Pin
- Contact Pitch ————
- 5=0.5MM
- Package ————
- TR=Tape & Reel
- Extension Code ————
- Running Number
- Contact Area Plating ————
- Y=5-10u" Gold Plating
- Variation Code ————
- 1=Without Anchor and Without Boss and Without Shielding
- Mating Height ————
- 9=2.0MM

PART NO.	NO. OF CONTACTS	A	B
QG2320591Y-M01-TR	20	8.00 (.315)	4.50 (.177)
QG2324591Y-M01-TR	24	9.00 (.354)	5.50 (.217)
QG2330591Y-M01-TR	30	10.50 (.413)	7.00 (.276)
QG2380591Y-M01-TR	80	23.00 (.906)	19.50 (.768)