FOXCONN®

SPECIFICATIONS

Board to Board Connector

QG23 Series
Receptacle, S/T, SMT Type
0.5mm [.020”] Pitch
3.0mm [.118”] Mated Height

Mechanical

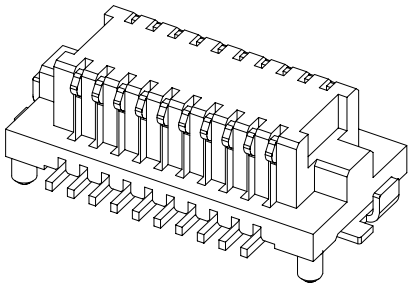
CONNECTOR MATING FORCE: *100 gf/pin MAX.*
CONNECTOR UNMATING FORCE*: 6 gf/pin MIN.*
Durability: *50 cycles*

Electrical

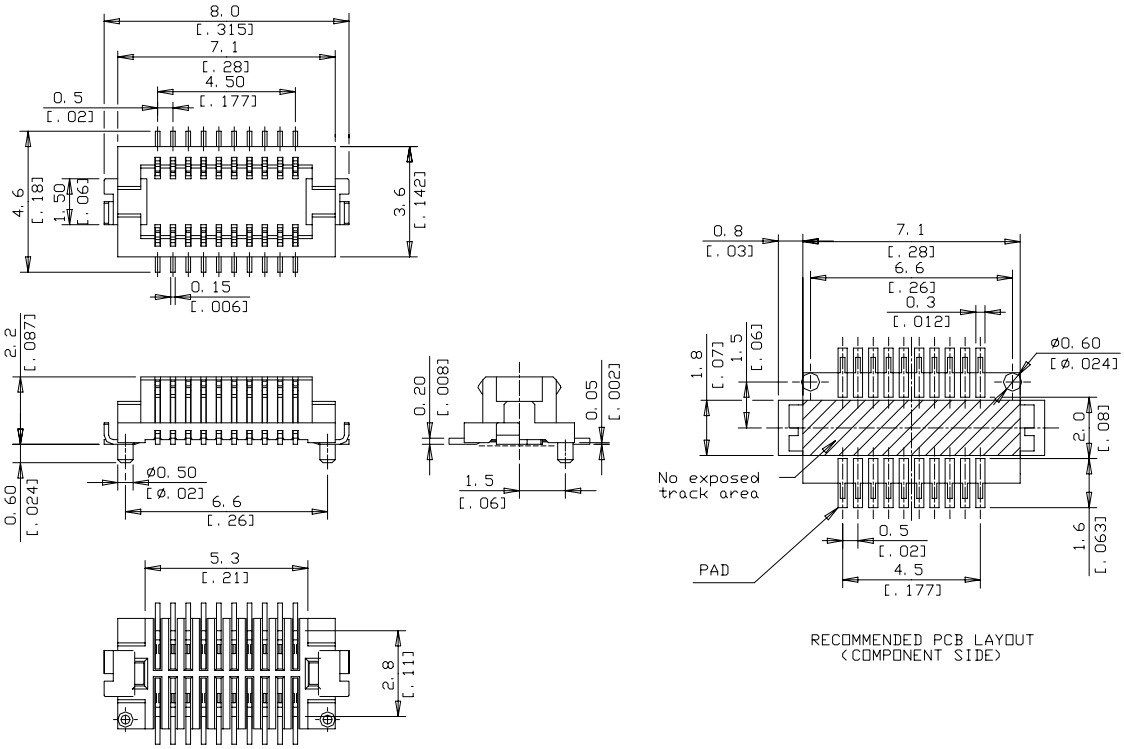
Operating Voltage: *50V AC RMS max.*
Current Rating: *0.3A max.*
Contact Resistance: *50mΩ max.*
Dielectric Withstanding Voltage: *150V AC/1 min.*
Insulation Resistance: *500MΩ*

Physical

Housing: *Hi-Temp. Thermoplastic, UL 94V-0 rated in White Color*
Contact: *Phosphor Bronze*
Plating: *See “ORDERING INFORMATION”*
Operating Temperature: *-45℃ to +125℃*



DRAWING



ORDERING INFORMATION

PRODUCT NO.: Q G 2 3 xx 5 C * Y - H01 - T R

- BTB Conn.
- Conn. Type — 2=Female
- Body & Terminal Type — 3=S/T,SMT
- Number of Contact — 20=20 Pin
- Contact Pitch — 5=0.5MM
- Mating Height — C=3.0MM
- Variation Code — 3=With Anchor and Without Boss and Without shielding; 4=With Anchor and With Boss and Without shielding
- Contact Area Plating — Y=5~10u" Gold Plating
- Extension Code — Running Number
- Package — TR=Tape & Reel

All specification & dimensions are subject to change, please call your nearest Foxconn sales representative for update information.