FOXCONN®

SPECIFICATIONS

Ribbon Beetle Connector

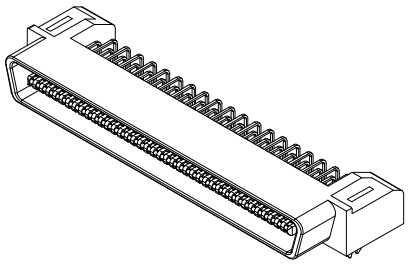
QB Series
Right Angle, T/H
1.27mm [.050"] Pitch
60/80/100/120 Pos.

Mechanical

Mating Force: *0.09Kg (0.20Lb) max. (per Contact Pair)*
Unmating Force: *0.015Kg (0.033 Lb) min. (per Contact Pair)*
Durability: 500 Cycles

Electrical

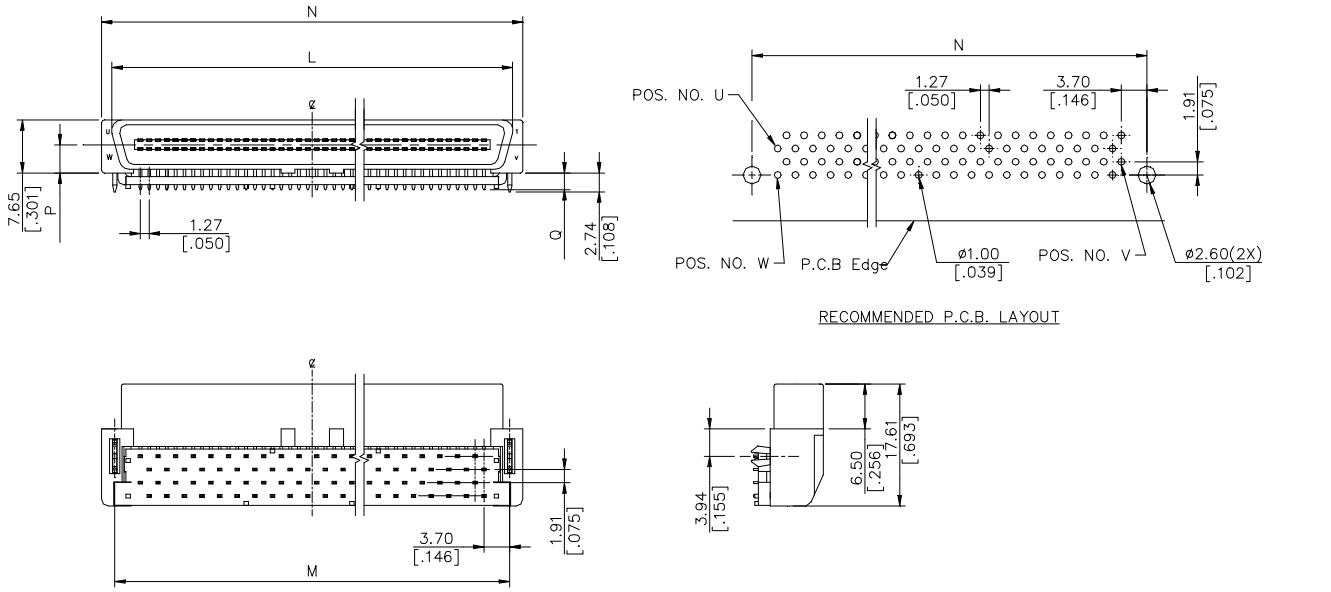
Current Rating: *1.0A*
Dielectric Withstanding Voltage: *250V AC/1min min.*
Contact Resistance: *40mW max. (initial)*
△R=20mW max. (final)
Insulation Resistance: *1000MW min. (initial)*
100MW min. (final)



Physical

Housing & Spacer: *Hi-Temp. Thermoplastic, UL 94V-0 rated*
Contact: *Copper alloy*
Plating: *See "ORDERING INFORMATION"*
Operating Temperature: *-55℃ to +85℃*

DRAWING



ORDERING INFORMATION

PRODUCT NO.: QB 1 0 ** * - P1 - * F

- Q =Fine Pitch / B =Beetle
- Termination Type: 1=Right Angle
- Contact Design Type: 0=Male
- No. of Pos.: 30=60 Pos. / 40=80 Pos. / 50=100 Pos. / 60=120 Pos.
- Contact Area Plating: 1=Gold Flash / 3=30u" Gold / 7=15u" Gold
- Modify Code
- A=Tube Packing / 4=Tray Packing
- F=Lead Free Code

P/N	POS.	DIM. L	DIM. M	DIM. N	DIM. P	DIM. Q
QB1060*-P1-4F	120	83.27 [3.278]	82.33 [3.241]	86.13 [3.391]	3.98 [.157]	3.10 [.122]
QB1050*-P1-AF	100	70.57 [2.778]	69.63 [2.741]	73.43 [2.891]	4.10 [.161]	2.40 [.094]
QB1040*-P1-AF	80	57.87 [2.278]	56.93 [2.241]	60.73 [2.391]	4.10 [.161]	2.40 [.094]
QB1030*-P1-AF	60	45.17 [1.778]	44.23 [1.741]	48.03 [1.891]	4.10 [.161]	2.40 [.094]

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