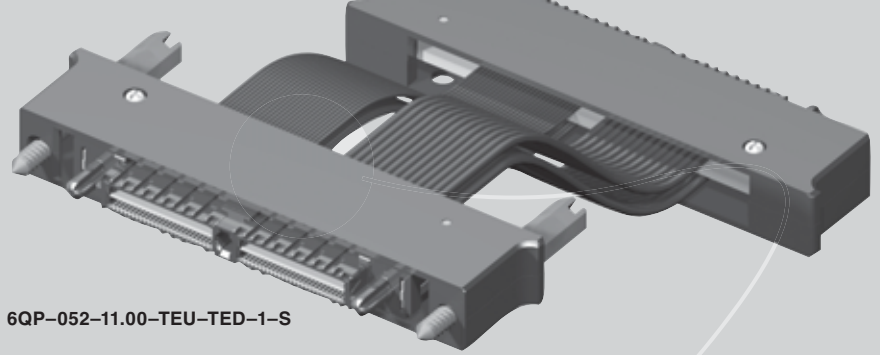


6QP-052-11.00-TEU-TED-1-S



POWER/SIGNAL COMBO CABLE 6QP SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?6QP

Signal Cable:

Cable Type: 38 AWG Eye Speed™
Current Rating: 300 mA max
Capacitance: 96.79 pF/meter (nominal)
Inductance: .230 mH/meter (nominal)
Propagation Delay: 4.79 nS/meter

Power Cable:

Cable Type: 26 AWG 13Ω Eye Speed™
Current Rating: 4A
Capacitance: 239 pF/meter (nominal)
Inductance: .092 mH/meter (nominal)
Propagation Delay: 4.79 nS/meter

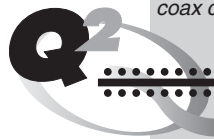
Connector:

Insulator Material: Liquid Crystal Polymer
Terminal & Ground Plane Material: Phosphor Bronze
Plating: Au over 50μ" (1,27μm) Ni

Assembly:

Voltage Rating: 300 VAC mated with QFS
Operating Temp: -55°C to +105°C
RoHS Compliant: Yes

Mates with:
QFS



38 AWG
50Ω
Eye Speed™
coax cable



Minimizes EMI aggression

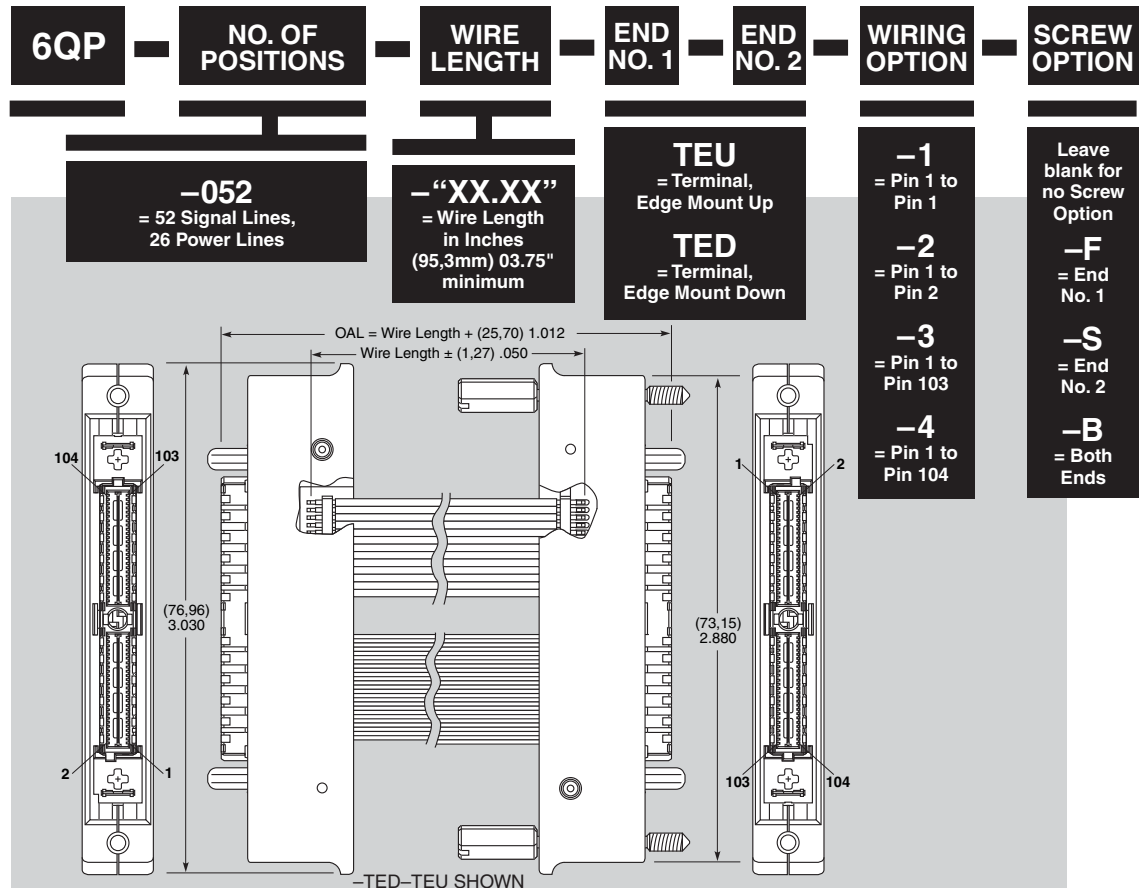
52 signal lines

Minimizes coupling to high speed signals



26 AWG
13Ω Eye Speed™
"Quiet Power"
coax cable

26 power lines



Note: Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Note: Verify part number and correct wiring scheme with Samtec's Interactive Cable Builder at www.samtec.com/cable_builder/pitch.asp

Note: This Series is non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM