samtec

QSTRIP®

6QCD-026-06.00-STL-TTR-3
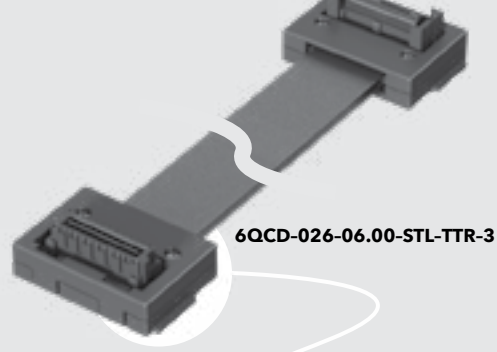
(0.635 mm) .025"

HIGH-SPEED COAX CABLE ASSEMBLIES

SPECIFICATIONS

For complete specifications see www.samtec.com?SQCD or see www.samtec.com?6QCD

Cable:
38 AWG coax micro ribbon
Signal Routing:
50 Ω Single-Ended
Overall Length:
(152 mm) 6" to
(1 m) 40" standard
Cable Flexing Life:
>40,000 cycles
Cable Bending Radius:
<2.5 mm
Plating:
Au over 50 μ" (1.27 μm) Ni
Propagation Delay:
4.79 nsec/meter
Operating Temp Range:
-40 °C to +105 °C
RoHS Compliant:
Yes

SQCD Mates with:
QTS, QSS

6QCD Mates with:
QMS, QFS

Socket or Terminal
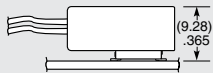
EYE® SPEED CABLE

38 AWG micro ribbon coax cable

Surface Mount

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

UL
FILE NO. E71636
(SQCD only)

APPLICATIONS

(9.28) .365

Processing conditions will affect mated height.

ALSO AVAILABLE
(MOV Required)

- Other pin counts
- Other terminations

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

Design your full cable assembly with Samtec's High-Speed Cable Solutionator® at www.samtec.com/cablebuilder

This Series is non-standard, non-returnable.

TYPE	–	NO. POSITIONS PER ROW	–	WIRE LENGTH	–

SQCD
= Mates with QTS/QSS

6QCD
= Mates with QMS/QFS

–025, –050, –075
(SQCD)

–026, –052
(6QCD)

–"XX.XX"
= Wire Length in Inches
(43.7 mm) 01.72" Minimum.

OAL = Wire Length + **L**
Wire Length ± (1.27) .050

END TO END	L	
	SQCD	6QCD
Surface Mount to Surface Mount	(24.13) .950	(28.47) 1.121

END NO. 1
(-STR SHOWN)
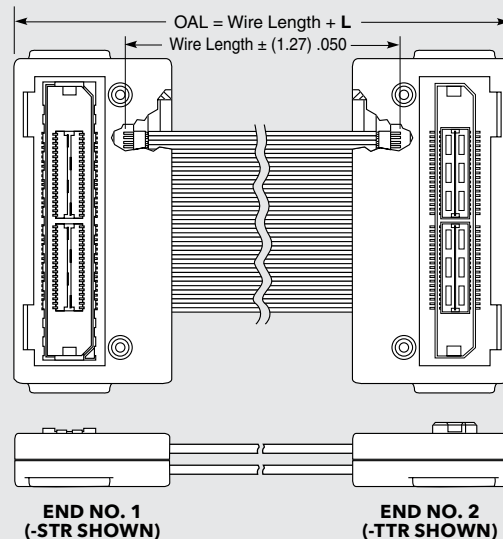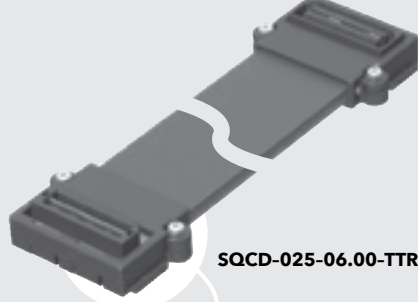
END NO. 2
(-TTR SHOWN)

SQCD-025-06.00-TTR-STR-1
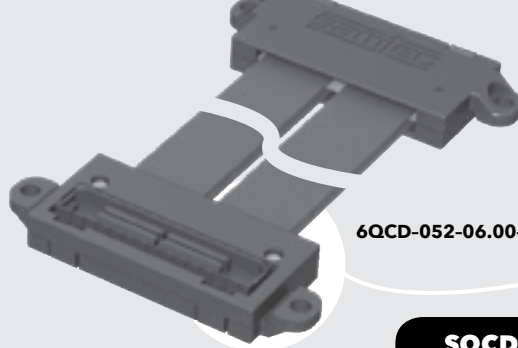
6QCD-052-06.00-STL-TBR-3-B
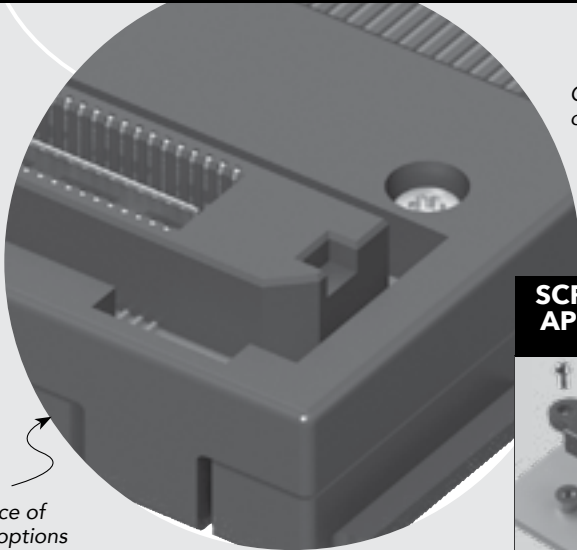
Choice of socket or terminal

SCREW MOUNT APPLICATIONS
(-F, -S, -B)

Choice of end options
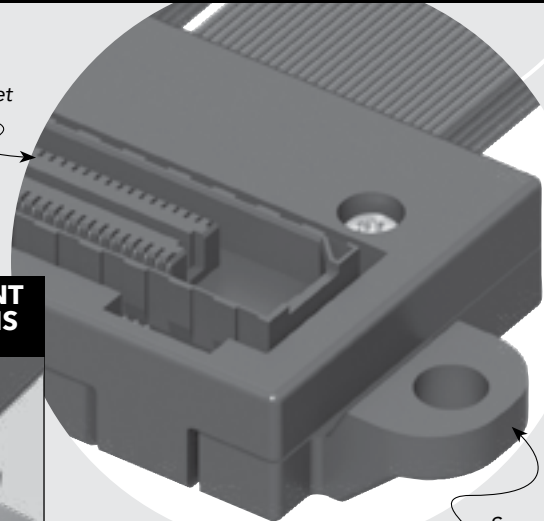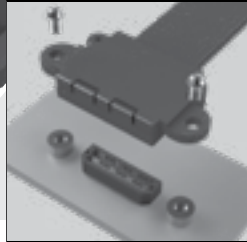
Screw Mount end options

END NO. 1	END NO. 2	WIRING OPTION	SCREW DOWN END OPTION
Specify END ASSEMBLIES from chart		**–1** = Pin 1 to Pin 1 **–2** = Pin 1 to Pin 2 **–3** = Pin 1 to Second Last Pin **–4** = Pin 1 to Last Pin	**Leave blank for no Screw Option** **–F** = End No. 1 **–S** = End No. 2 **–B** = Both Ends

END	SURFACE MOUNT	
TTR		Terminal, Top, Notch Right
TTL		Terminal, Top, Notch Left
TBR		Terminal, Bottom, Notch Right
TBL		Terminal, Bottom, Notch Left
STR		Socket, Top, Notch Right
STL		Socket, Top, Notch Left
SBR		Socket, Bottom, Notch Right
SBL		Socket, Bottom, Notch Left

SERIES	NO. OF POSITIONS	A	B
SQCD	-025	(40.10) 1.579	(34.00) 1.339
	-050	(60.10) 2.366	(54.00) 2.126
	-075	(80.10) 3.154	(74.00) 2.913
6QCD	-026	(45.47) 1.790	(39.50) 1.555
	-052	(66.80) 2.630	(61.00) 2.402

(3.28) .129 DIA
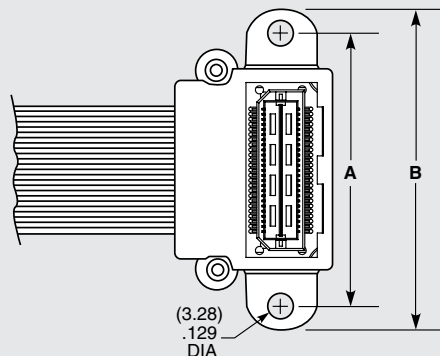
SURFACE MOUNT (-XTX & -XBX) SCREW DOWN OPTIONS

A

B

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.