

(0.635 mm) .025"

HIGH-SPEED COAX CABLE ASSEMBLIES

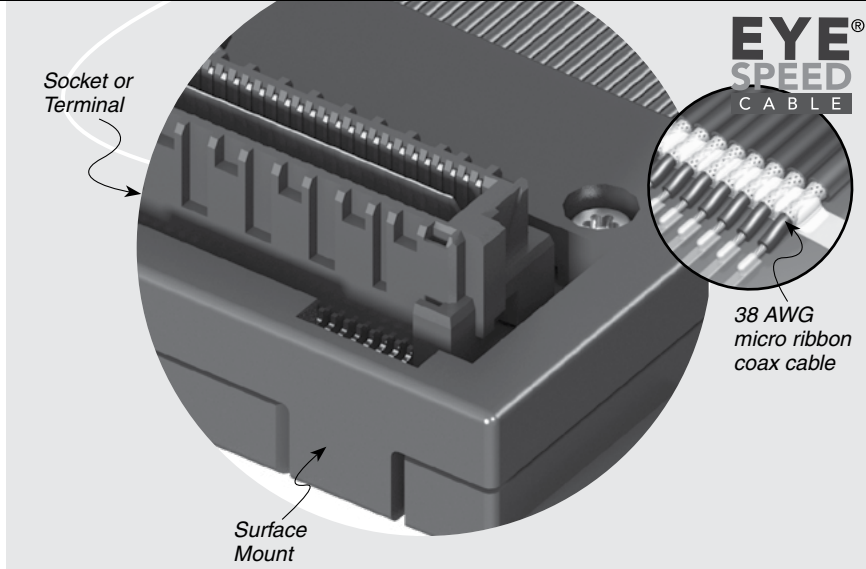
SPECIFICATIONS

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 μm (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



**EYE[®]
SPEED
CABLE**

38 AWG micro ribbon coax cable

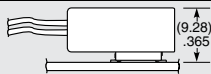
RECOGNITIONS

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



FILE NO. E71636 (SQCD only)

APPLICATIONS



Processing conditions will affect mated height.

ALSO AVAILABLE (MOV Required)

- Other pin counts
- Other terminations

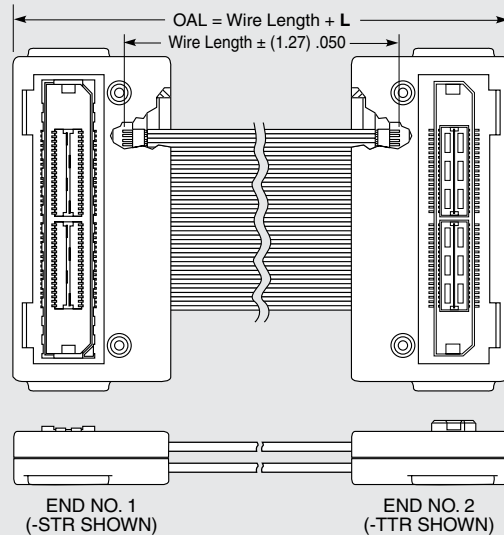
Notes:
Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

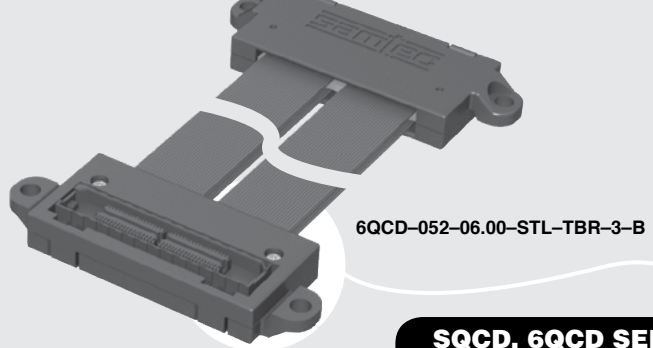
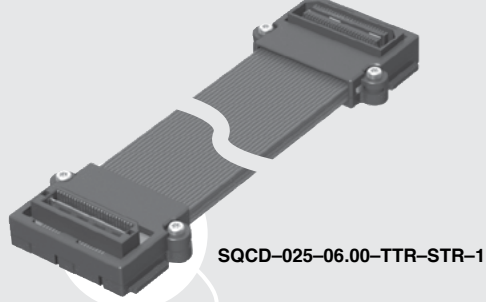
Design your full cable assembly with Samtec's High-Speed Cable Builder at www.samtec.com/cablebuilder

This Series is non-standard, non-returnable.

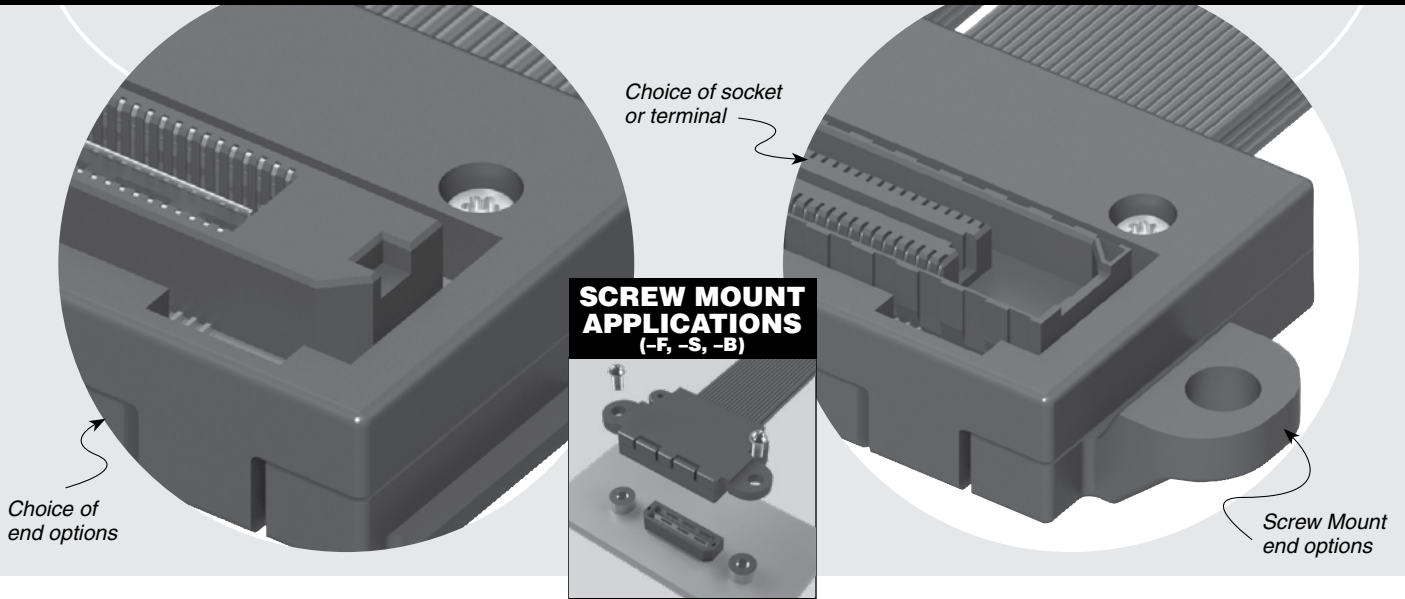


END TO END	L	
	SQCD	6QCD
Surface Mount to Surface Mount	(24.13) .950	(28.47) 1.121



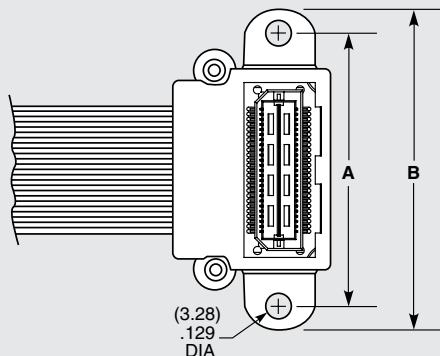


SQCD, 6QCD SERIES



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

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



SURFACE MOUNT (-XTX & -XBX)
SCREW DOWN OPTIONS

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