

6QCD-026-06.00-STL-TTR-3

(0.635 mm) .025"

# HIGH-SPEED COAX CABLE ASSEMBLIES

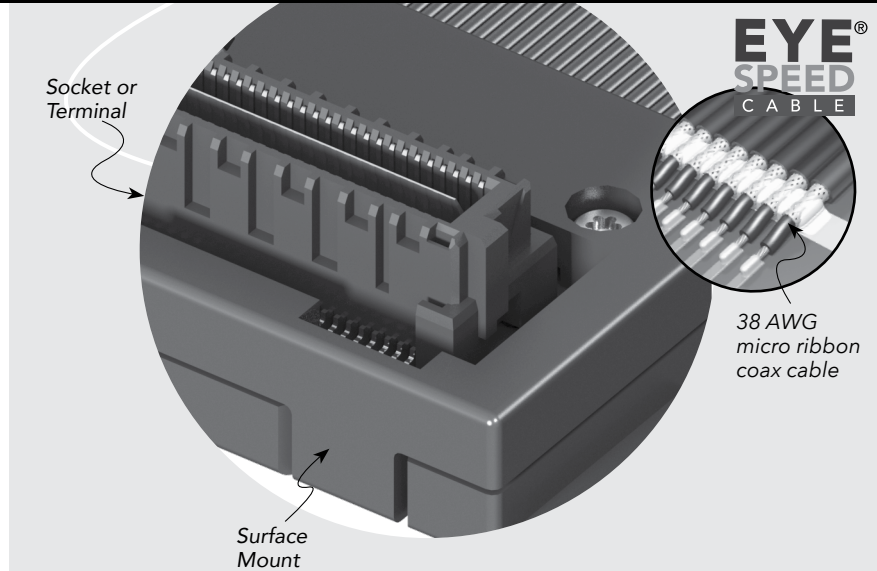
## SPECIFICATIONS

For complete specifications see [www.samtec.com?SQCD](http://www.samtec.com?SQCD) or see [www.samtec.com?6QCD](http://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



**EYE<sup>®</sup> SPEED CABLE**

Socket or Terminal

38 AWG micro ribbon coax cable

Surface Mount

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## APPLICATIONS



Processing conditions will affect mated height.

## ALSO AVAILABLE Contact Samtec

- Other pin counts
- Other terminations

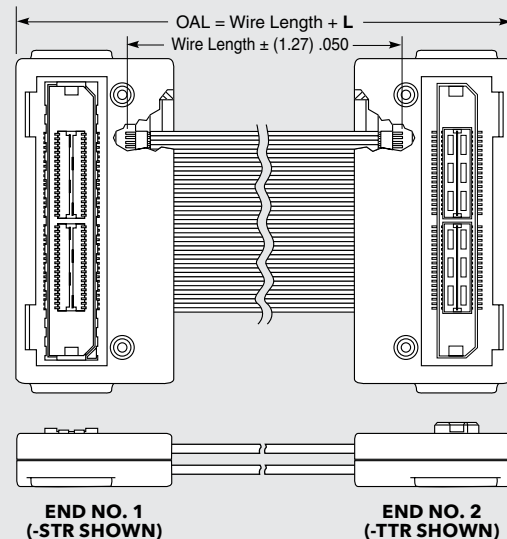
**Notes:** Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

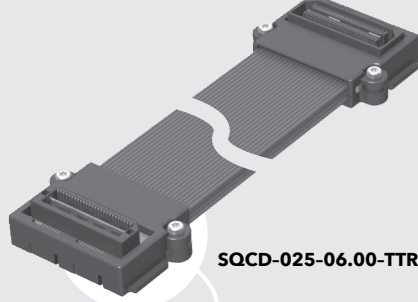
Design your full cable assembly with Samtec's High-Speed Cable Solutionator<sup>®</sup> at [www.samtec.com/cablebuilder](http://www.samtec.com/cablebuilder)

This Series is non-standard, non-returnable.

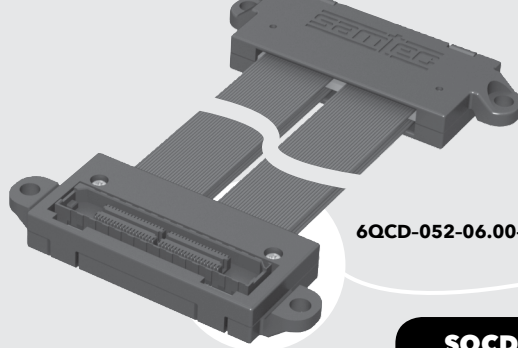
TYPE	NO. POSITIONS PER ROW	WIRE LENGTH
<p><b>SQCD</b> = Mates with QTS/QSS</p> <p><b>6QCD</b> = Mates with QMS/QFS</p>	<p>-025, -050, -075 (SQCD)</p> <p>-026, -052 (6QCD)</p>	<p>- "XX.XX" = Wire Length in Inches (43.7 mm) 01.72" Minimum.</p>

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



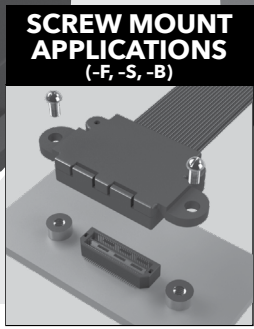
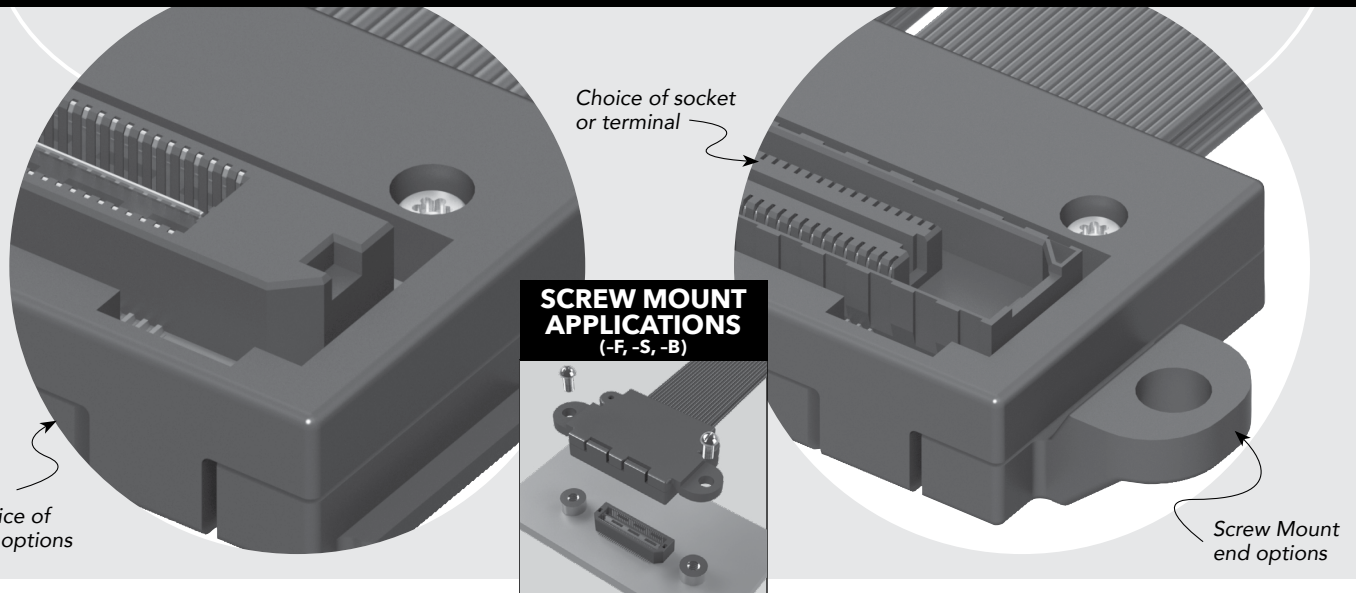


SQCD-025-06.00-TTR-STR-1



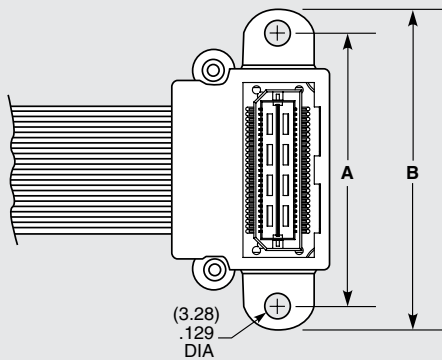
6QCD-052-06.00-STL-TBR-3-B

**SQCD, 6QCD SERIES**



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