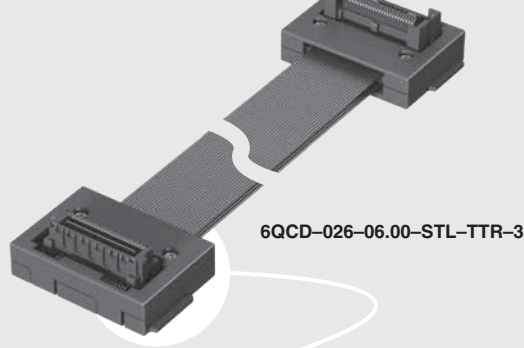


# samtec

## QSTRIP®

(0.635 mm) .025"



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

# 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

**RUGGEDIZED**  
BY SAMTEC

Socket or  
Terminal

Surface  
Mount

**EYE®**  
SPEED  
CABLE

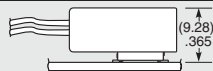
38 AWG  
micro ribbon  
coax cable

## 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 (MOV Required)

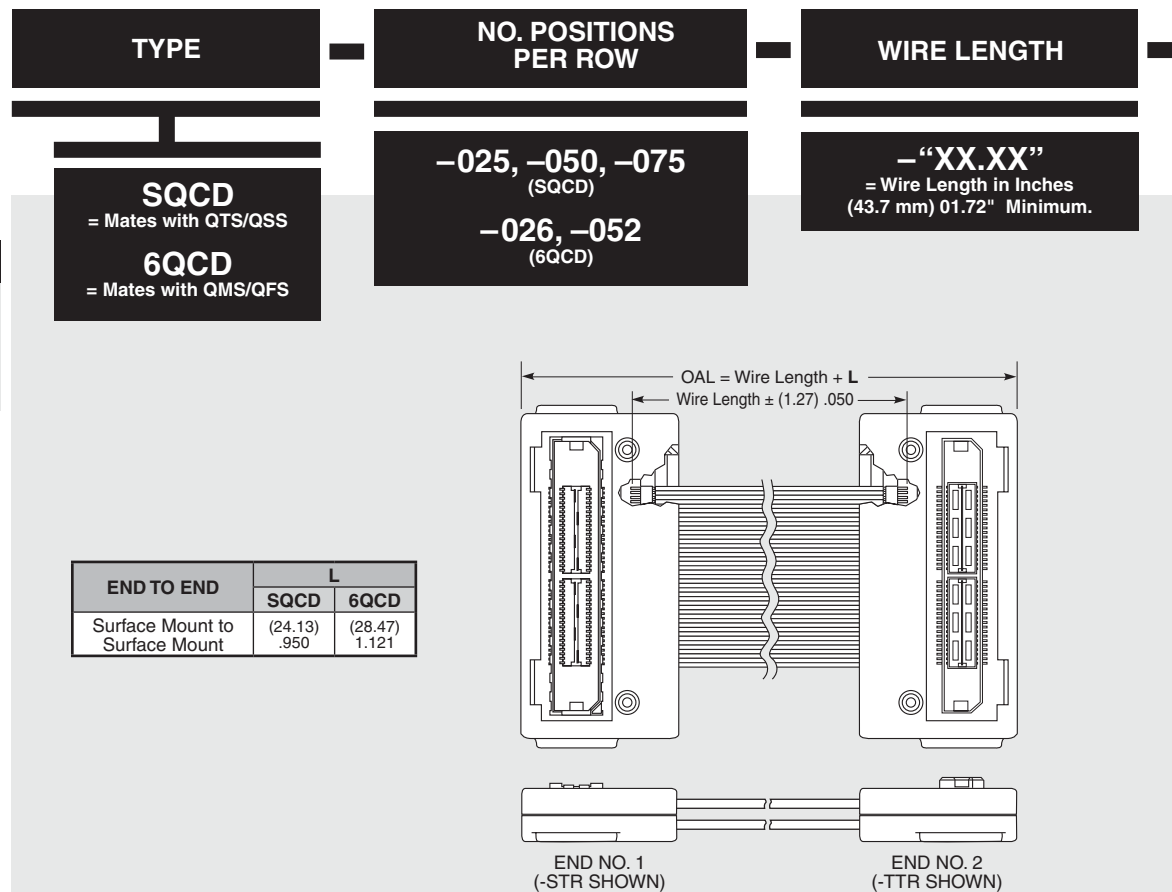
- Other pin counts
- Other terminations

### Notes:

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

Design your High-Speed Cable with Samtec's High-Speed Cable Solutionator® at [www.samtec.com/hdr](http://www.samtec.com/hdr)

This Series is non-standard, non-returnable.

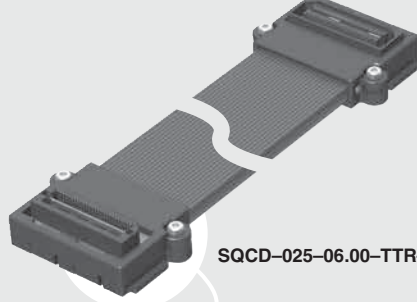


Due to technical progress, all designs, specifications and components are subject to change without notice.

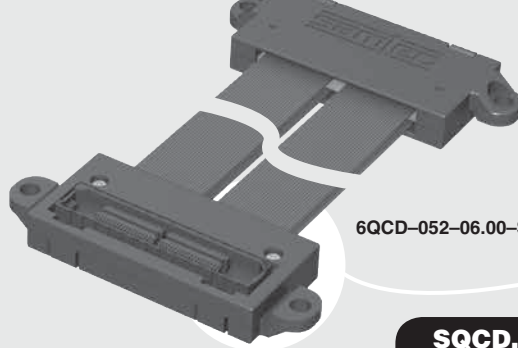
**WWW.SAMTEC.COM**

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

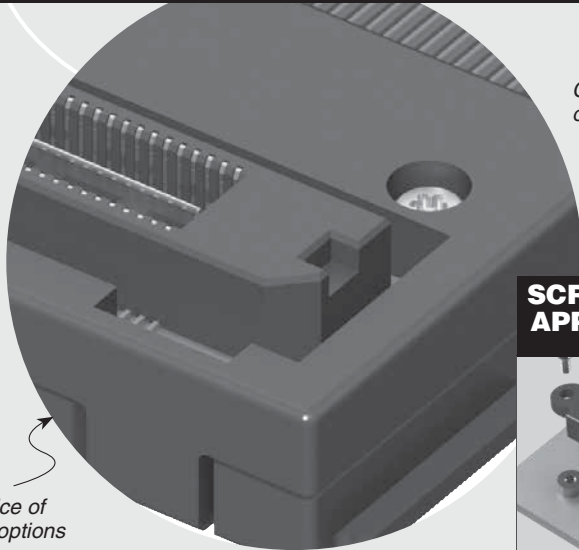


SQCD-025-06.00-TTR-STR-1



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

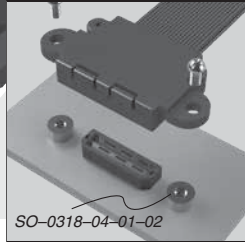
## SQCD, 6QCD SERIES



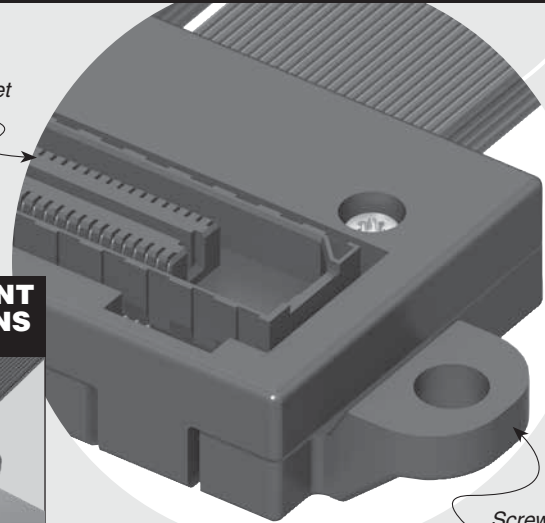
Choice of end options

Choice of socket or terminal

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



SO-0318-04-01-02



Screw Mount end options

END  
NO. 1

END  
NO. 2

WIRING OPTION

SCREW DOWN  
END OPTION

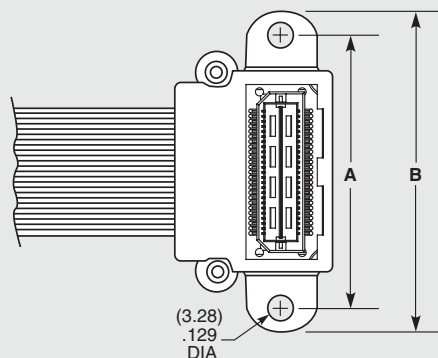
Specify  
END ASSEMBLIES  
from chart

-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    |



(3.28)  
.129  
Dia  
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 |

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