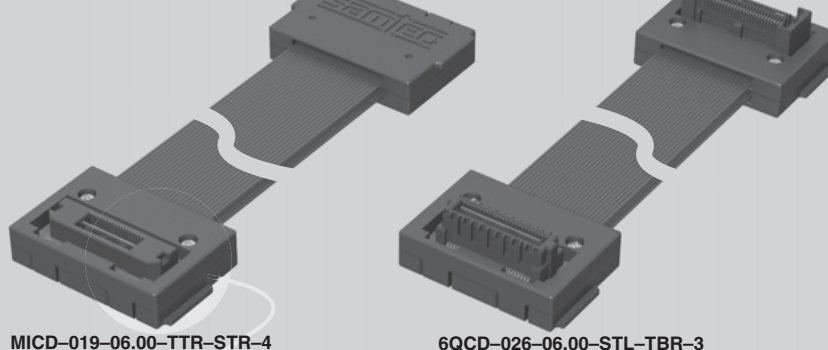


samtec



(0,635 mm) .025"



MICD-019-06.00-TTR-STR-4

6QCD-026-06.00-STL-TBR-3

HIGH SPEED COAX CABLE ASSEMBLIES

SPECIFICATIONS

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

Cable:

38 AWG coax
micro ribbon

Signal Routing:

50Ω 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 50μ" (1,27 μm) Ni

Propagation Delay:

4.79 nsec/meter

Operating Temp Range:

-40°C to +105°C

RoHS Compliant:

Yes

MICD Mates with:
MIS, MIT

SQCD Mates with:
QTS, QSS

6QCD Mates with:
QMS, QFS

Cable Length	Rated @ 7dB Insertion Loss
	MICD
6" (152,4 mm)	3.51 GHz / 7.02 Gbps
12" (304,8 mm)	3.45 GHz / 6.90 Gbps
19.68" (0,5 m)	4.47 GHz / 8.94 Gbps
39.37" (1 m)	1.60 GHz / 3.20 Gbps

Performance and complete test data available at www.samtec.com?MICD or contact sig@samtec.com

Increased Insertion Depth

Socket or Terminal

Surface Mount



38 AWG
micro ribbon
coax cable



RECOGNITIONS

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



FILE NO. 871336
(MICD, SQCD only)

APPLICATIONS



Processing conditions will affect mated height.

ALSO AVAILABLE (MOV Required)

- Other pin counts
 - Other terminations
- Contact Samtec.

Note:

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

Note:

Design your High Speed Cable with Samtec's High Speed Cable Solutionator® at www.samtec.com/hdr

Note:

This Series is non-standard, non-returnable.

TYPE

MICD

= Mates with MIS/MIT

SQCD

= Mates with QTS/QSS

6QCD

= Mates with QMS/QFS

NO. POSITIONS PER ROW

—019, —038, —057
(MICD)

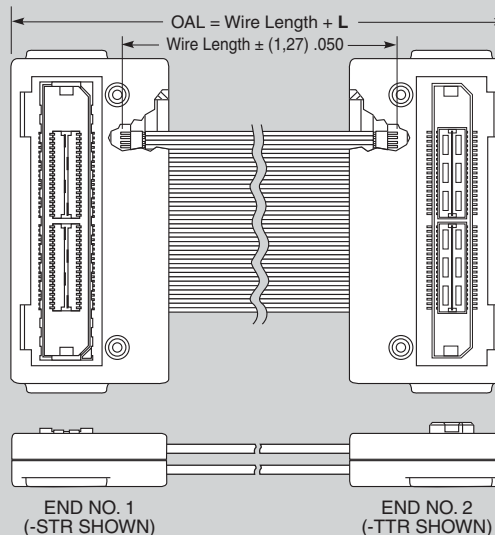
—025, —050, —075
(SQCD)

—026, —052, —078
(6QCD)

WIRE LENGTH

—“XX.XX”
= Wire Length in Inches
(43,7 mm) 01.72" Minimum.

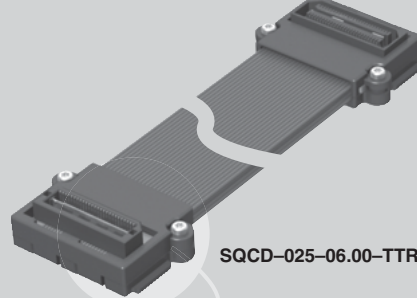
END TO END	L		
	MICD	SQCD	6QCD
Surface Mount to Surface Mount	(27,98) 1.101	(24,13) .950	(28,47) 1.121



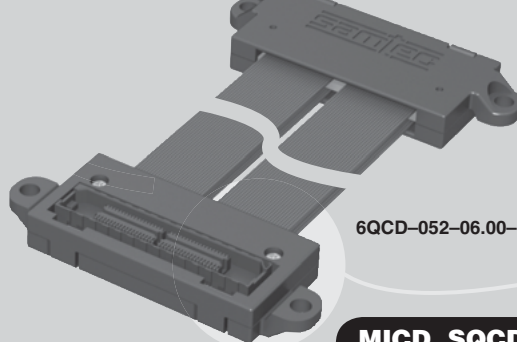
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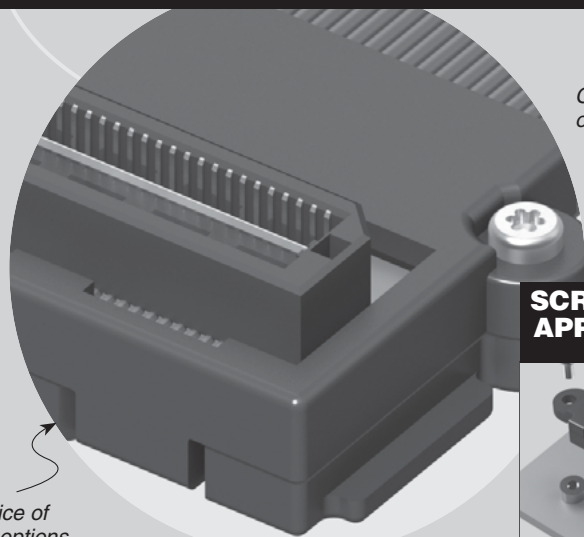


SQCD-025-06.00-TTR-STR-1



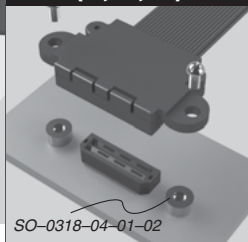
6QCD-052-06.00-STL-TBR-3-B

MICD, SQCD, 6QCD SERIES

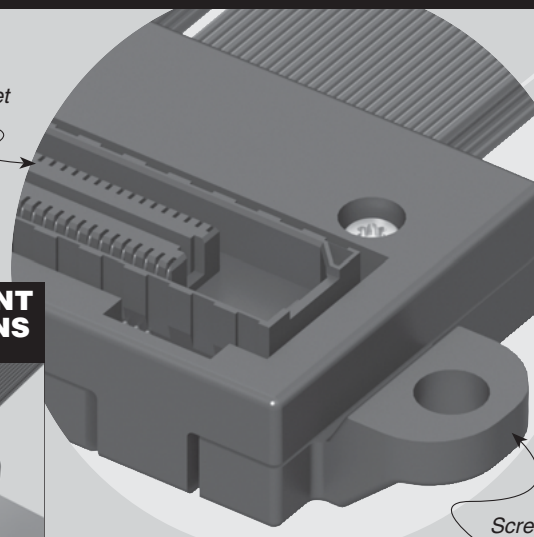


Choice of socket
or terminal

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

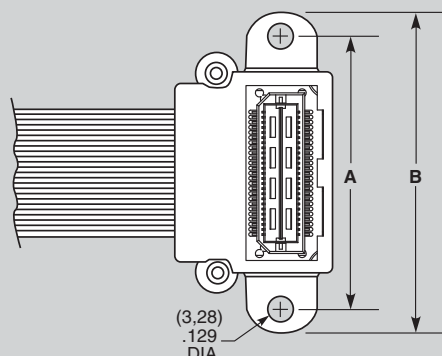
Specify
END ASSEMBLIES
from chart

—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



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

SERIES	NO. OF POSITIONS	A	B
MICD	—019	(47,07) 1.853	(41,00) 1.614
	—038	(59,77) 2.353	(54,00) 2.126
	—057	(72,47) 2.853	(67,00) 2.638
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
	—078	(88,14) 3.470	(82,00) 3.228

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