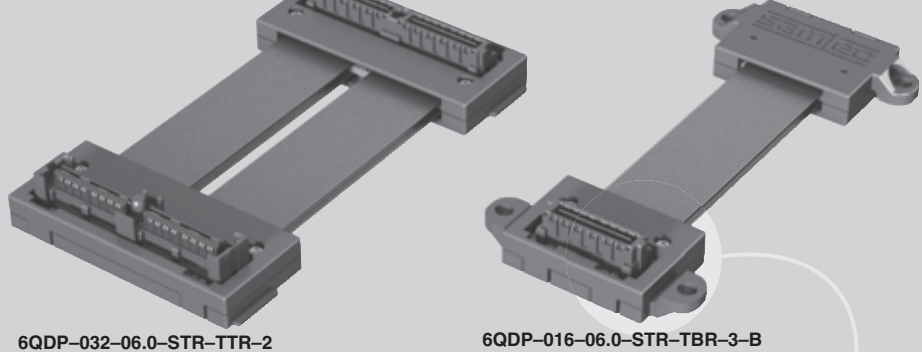


samtec



(0,635 mm) .025"

6QDP SERIES

6QDP-032-06.0-STR-TTR-2

6QDP-016-06.0-STR-TBR-3-B

HIGH SPEED TWINAX CABLE ASSEMBLIES

SPECIFICATIONS

For complete specifications see
www.samtec.com?6QDP

Cable:
30 AWG

twinax micro ribbon

Signal Routing:
100Ω Differential

Cable Bending Radius:
(11,11 mm) 7/16" min

Plating:
Au over 50μ" (1,27 μm) Ni

Current Rating:
700 mA per pin
(6 adjacent pins powered)

Propagation Delay:
4.67 nsec/meter

Operating Temp Range:
-40°C to +105°C

Skew (pair-to-pair):
<10 ps/ft

Skew (within a pair):
<5 ps/ft

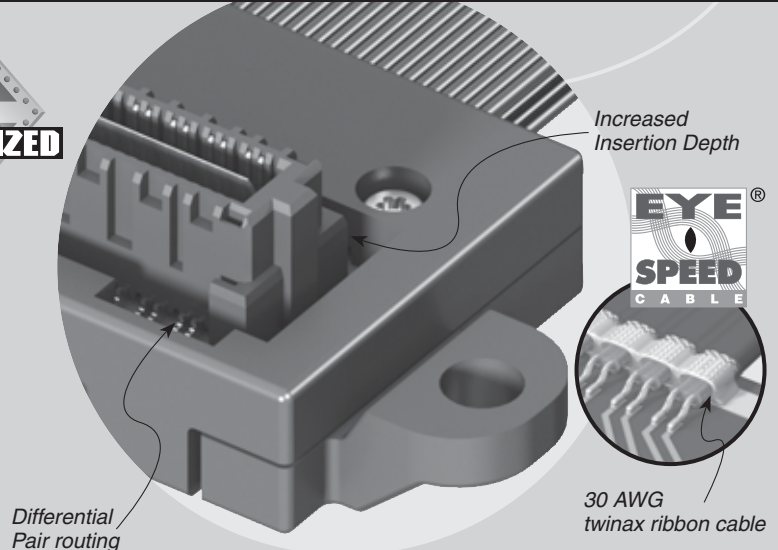
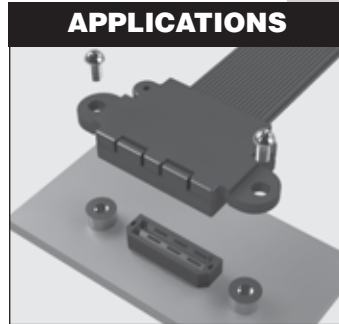
EMI Performance:
FCC Class A

RoHS Compliant:
Yes

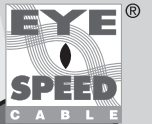
Mates with:
QMS-DP, QFS-DP



APPLICATIONS



Increased
Insertion Depth



30 AWG
twinax ribbon cable

Differential
Pair routing

APPLICATIONS



Processing conditions will
affect mated height.

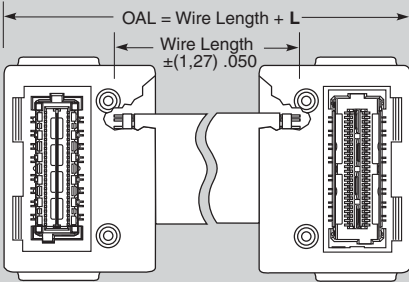
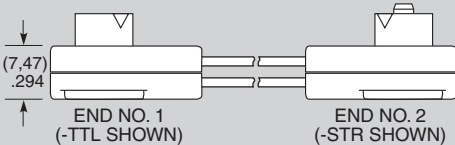
ALSO AVAILABLE (MOV Required)

- 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	NO. OF PAIRS	WIRE LENGTH	END NO. 1	END NO. 2	WIRING OPTION	SCREW OPTION																													
6QDP = Unshielded mates with QMS-DP/QFS-DP	-016, -032, -048, -064	- "XX.X" = Wire Length in Inches (43,7 mm) 01.7" minimum	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																													
		<table><tr><th>END TO END</th><th>L</th></tr><tr><td>Surface Mount to Surface Mount</td><td>(23,88) .940</td></tr></table>	END TO END	L	Surface Mount to Surface Mount	(23,88) .940																													
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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