

EQRP-018-08.00-STR-TTL-1

(0.80 mm) .0315"

EQRP SERIES

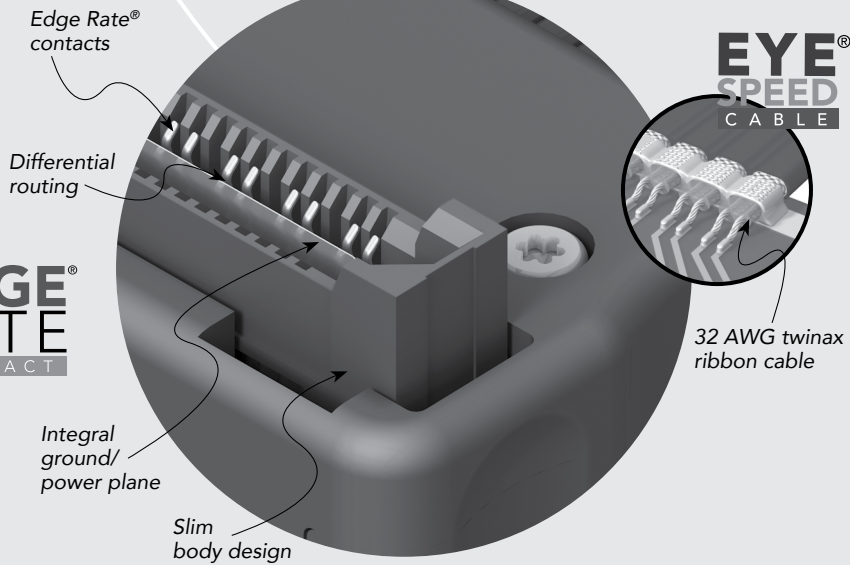
Q RATE[®] TWINAX CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?EQRP

- Cable:** 32 AWG twinax micro ribbon
- Signal Routing:** 100 Ω Differential
- Cable Bending Radius:** (11.11 mm) 7/16" min
- Plating:** Au over 50 μ" (1.27 μm) Ni
- Current Rating:** Signal Contact: .6 A per pin (All adjacent pins powered) Ground Plane: 7.9 A per ground plane (1 ground plane powered)
- Propagation Delay:** 4.67 nsec/meter
- Operating Temp Range:** -25 °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: QRF8-DP, QRM8-DP



EDGE RATE[®]
CONTACT

EYE SPEED[®]
CABLE

32 AWG twinax ribbon cable

RECOGNITIONS

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



APPLICATIONS



Processing conditions will affect mated height.

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[®] at www.samtec.com/cablebuilder

Some lengths, styles and options are non-standard, non-returnable.

EQRP	NO. OF PAIRS	WIRE LENGTH	END NO. 1	END NO. 2	WIRING OPTION	SCREW OPTION
	-018, -036, -054 (Number of Pairs)	- "XX.XX" = Wire Length in Inches (43.7 mm) 01.72" minimum	-TTR = Terminal, Top Right		-1 = Pin 1 to Pin 1	Leave blank for no Screw Option
			-TTL = Terminal, Top Left		-2 = Pin 1 to Pin 2	
			-TBR = Terminal, Bottom Right		-3 = Pin 1 to Pin N-1	-F = Screw option (First end only)
			-TBL = Terminal, Bottom Left		-4 = Pin 1 to Pin N	-S = Screw option (Second end only)
			-STR = Socket, Top Right			-B = Screw option (Both ends)
			-STL = Socket, Top Left			
			-SBR = Socket, Bottom Right			
			-SBL = Socket, Bottom Left			

NO. OF POSITIONS	A	C	D
-018	(33.02) 1.300	(39.12) 1.540	(46.74) 1.840
-036	(57.81) 2.276	(63.91) 2.516	(71.53) 2.816
-054	(82.63) 3.253	(88.70) 3.492	(96.32) 3.792