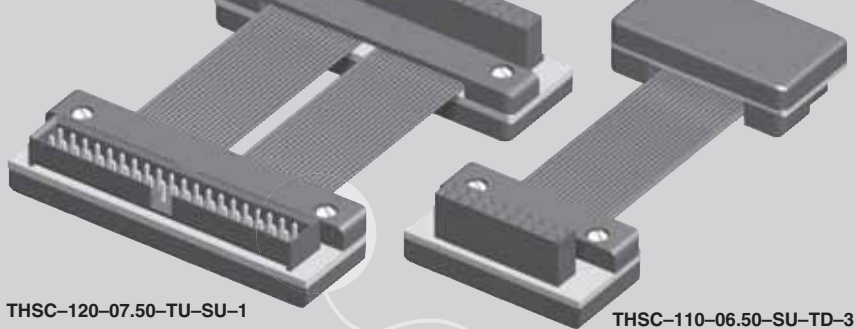




(2,00mm) .0787"

THSC SERIES



HIGH SPEED CABLE ASSEMBLIES

SPECIFICATIONS

For complete specifications see www.samtec.com?THSC

Cable:

38 AWG coax micro ribbon

Signal Routing:

50Ω Single-Ended

Overall Length:

(152mm) 6" to

(1m) 40" standard

Cable Flexing Life:

>40,000 cycles

Cable Bending Radius:

<2,5mm

Plating:

Au over 50μ" (1,27μm) Ni

Current Rating:

300 millamp max

Propagation Delay:

4.5 nsec/meter

Operating Temp Range:

-40°C to +105°C

RoHS Compliant:

Yes

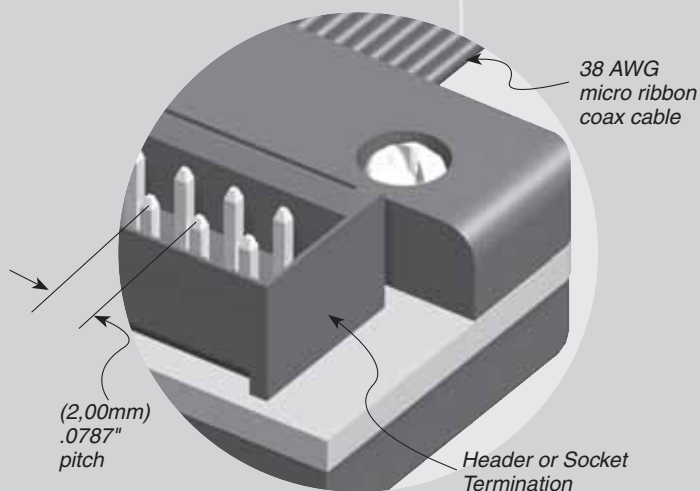


Mates with:

SQT, SQW, ESQT, SMM, TCSD, TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, ESQT

Cable Length	Rated @ 3dB Insertion Loss
	THSC
10" (254mm)	175 MHz / 0.35 Gbps

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



APPLICATION



Mated with SQT or LTMM. Processing conditions will affect mated height.

Important Note:

For optimal performance, at least one transmission line must be dedicated to ground. For more information, go to www.samtec.com/cable_builder/xhsc_grounding.asp

Note:

Contact Samtec for high speed characterization.

Note:

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

Note:

Verify part number with Samtec's Interactive Cable Builder at www.samtec.com/cable_builder/pitch.aspx

Note:

This Series is non-standard, non-returnable.

THSC	1	NO. OF PINS PER ROW	WIRE LENGTH	END NO. 1	END NO. 2	WIRING OPTION
		10, 13, 20, 22, 25 (Call for other sizes)	–“XX.XX” = Wire Length in Inches (152mm) 06.00" minimum			
						–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

END	B
–TX	(9,32) .367
–SX	(10,85) .427

NO. OF POSITIONS	A
–10	(28,37) 1.117
–13	(32,39) 1.275
–20	(48,39) 1.905
–22	(52,37) 2.062
–25	(52,37) 2.062

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

WWW.SAMTEC.COM