

(2.54 mm) .100"

HHSC SERIES

JTAG HIGH SPEED CABLE ASSEMBLIES

SPECIFICATIONS

For complete specifications see www.samtec.com?HHSC

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
Current Rating: 200 millamp per pin (14 adjacent pins powered)
Propagation Delay: 4.79 nsec/meter
Operating Temp Range: -25 °C to +105 °C

RECOGNITIONS

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

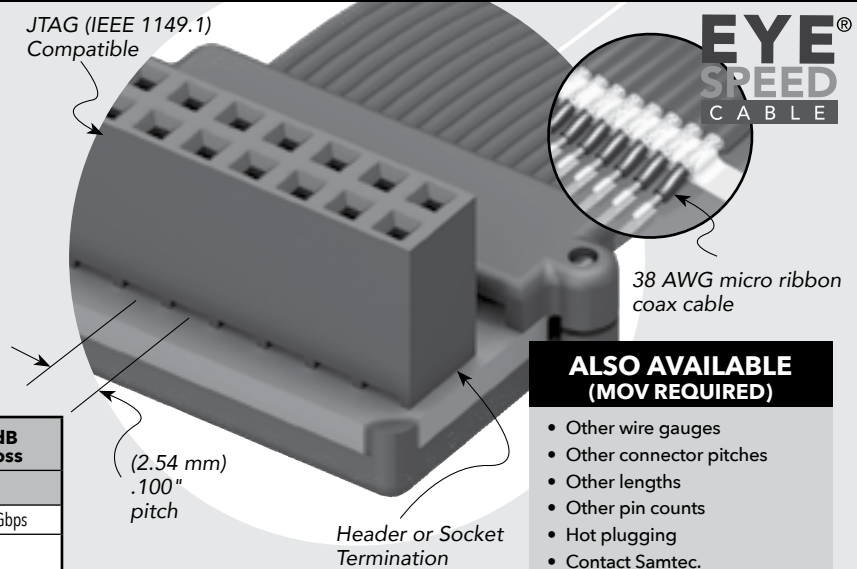


-TU, -TD & -TE Mates with: SSW, SSQ, SSM, ESW, ESQ, BCS

-SU, -SD & -SE Mates with: TSW, MTSW, TSM, TSS, ZSS

JTAG (IEEE 1149.1) Compatible

EYE[®] SPEED CABLE



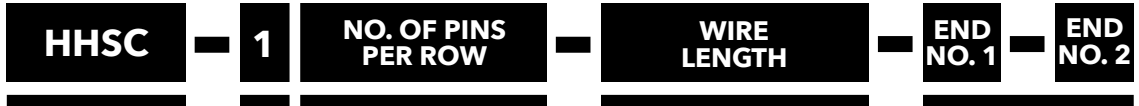
38 AWG micro ribbon coax cable

ALSO AVAILABLE (MOV REQUIRED)

- Other wire gauges
- Other connector pitches
- Other lengths
- Other pin counts
- Hot plugging
- Contact Samtec.

Cable Length	Rated @ 7dB Insertion Loss
	HHSC
10" (254 mm)	2.69 GHz / 5.38 Gbps

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

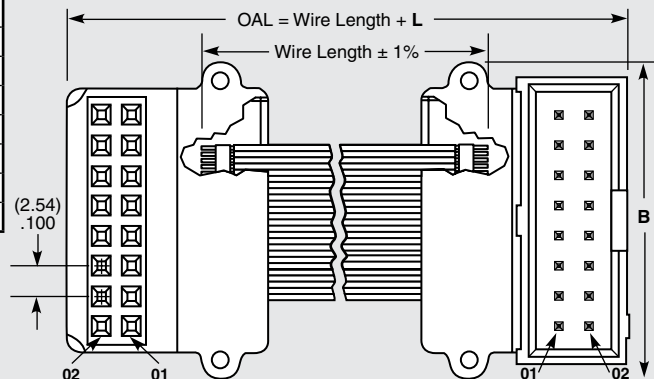


05, 07, 08, 10, 15, 20, 25 (Standard sizes)

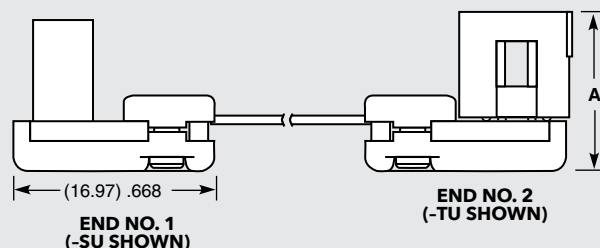
-"XX.XX"
= Wire Length in Inches (43.7 mm) 01.72" minimum

- TU = Terminal Up
- TD = Terminal Down
- TE = Terminal Edge Mount
- SU = Socket Up
- SD = Socket Down
- SE = Socket Edge Mount

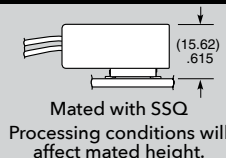
END TO END	L
-TU/-TD to -TU/-TD	(22.00) .87
-TU/-TD to -SU/-SD	(21.74) .86
-SU/-SD to -SU/-SD	(21.49) .85
-TU/-TD to -TE	(26.87) 1.06
-SU/-SD to -TE	(26.62) 1.05
-TU/-TD to -SE	(26.49) 1.04
-SU/-SD to -SE	(26.24) 1.03
-TE to -TE	(31.75) 1.25
-TE to -SE	(31.37) 1.24
-SE to -SE	(30.99) 1.22



END	B	B
-TU/-TD	(13.46) .530	(26.76) 1.053
-SU/-SD	(12.70) .500	
-SE	(6.91) .272	(30.80) 1.213
-TE	(9.27) .365	



APPLICATIONS



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

This Series is non-standard, non-returnable.