




TRANSMISSION PROPERTIES AND ELECTRICAL SPECIFICATIONS

FREQ. MHz	Insertion Loss		NEXT		FEXT		RL	
	dB/100m		dB		dB/100m		dB	
	Max	Nom	Min	Nom	Min	Nom	Min	Nom
1.00	0.10	0.02	65.0	85	65.0	85	30.0	56
4.00	0.10	0.02	65.0	75	63.1	73	30.0	50
8.00	0.11	0.02	64.9	68	57.0	60	30.0	47
10.00	0.13	0.03	63.0	67	55.1	58	30.0	45
16.00	0.16	0.03	58.9	65	51.0	54	30.0	40
25.00	0.20	0.04	55.0	60	47.1	51	30.0	38
31.25	0.22	0.05	53.1	55	45.2	49	30.0	35
62.50	0.32	0.06	47.1	50	39.1	42	24.1	30
100.00	0.40	0.10	43.0	47	35.1	39	20.0	27

Propagation Delay	2.5 nS max @ 1-100 MHz
Propagation Delay Skew	1.25 nS max @ 1-100 MHz
Current Rating	1.5 A max.
Contact Resistance	20 mOhm max (per contact)
Input/Output Resistance	200 mOhm max
Input/Output Resistance Unbalance	50 mOhm max
Voltage Rating	230 Vrms max
Dielectric Strength	1000 Volts rms for 1 minute
Insulation Resistance	500 MegaOhm min @ 500 Vdc
DC Resistance	0.1 Ohm max @ 20C
LCL	66-20-Log(f) dB min @ 1-100 MHz
Transfer Impedance	N/A
Transfer Empedansi	N/A

ORDERING INFORMATION

HCS P/N	Description	Ports	
W5E-40101	Angled 1-port unshielded CAT 5E PCB module Surface Mount Box	1	
W5E-40201	Angled 2-port unshielded CAT 5E PCB module Surface Mount Box	2	
W5E-40111	Angled 1-port fully-shielded CAT 5E PCB module Surface mount box	1	
W5E-40211	Angled 2-port fully-shielded CAT 5E PCB module Surface Mount Box	2	