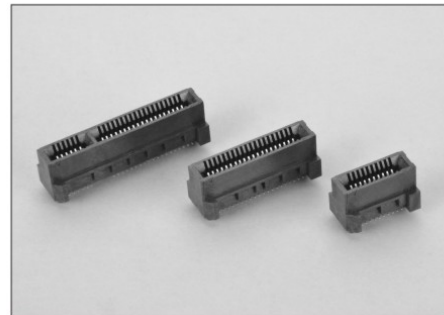


# 873

## High Speed Mini-Edge Card Socket Pitch 0.80mm Straight SMT Type Profile 7.98mm

### Technical Data :

Insulator Material:	High Temperature Thermoplastic, LCP, UL 94V-0
Contact :	stamped and formed, BeCu
Plating:	Au or Sn over Nickel
Current Rating :	1.9 A @ 30 °C Temperature Rise
Contact resistance:	20 milliohms Max.
Insulator resistance :	500 Megohms min.
Dielectric withstanding :	AC 500V for 1 Minute.
Operating Temperature:	-55 °C to +125 °C .
Max. processing Temp:	230 °C for 30-60 seconds. 260 °C for 10 seconds.
Mates with :	1.57mm Card



### RoHS Compliant

#### S Type

0.80mm 873 Type	Rated @ -3dB Insertion Loss
7.98mm Stack Height	
Single-Ended Signaling	8GHz/16Gbps
Differential Pair Signaling	10.5GHz/21Gbps

**S Type PCB Layout**

**S Type PCB Layout**      **P&L Type PCB Layout**

#### P Type

No Of POS	Code	'A'	'B'	'C'	'D'	'E'
2X(N=13)	26	6.10	5	4.0	15.0	6.9
2X(N=25)	50	6.10	5	4.0	24.6	16.5
2X(N=37)	74	18.1	20	16.0	34.2	14.1
2X(N=49)	98	18.9	21	16.8	36.6	15.7
2X(N=60)	120	22.9	26	20.8	43.8	18.9
2X(N=80)	160	22.9	26	20.8	44.6	19.7
2X(N=100)	200	26.9	31	24.8	52.6	23.7
2X(N=130)	260	26.9	31	24.8	60.6	31.7
2X(N=160)	320	26.9	31	24.8	68.6	39.7
2X(N=200)	400	26.9	31	24.8	76.6	47.7
2X(N=250)	500	26.9	31	24.8	84.6	55.7

Table 1

#### L Type

No Of POS	Code	'A'	'B'	'C'	'D'	'E'
2X(N=13)	26	6.10	5	4.0	15.0	6.9
2X(N=25)	50	6.10	5	4.0	24.6	16.5
2X(N=37)	74	18.1	20	16.0	34.2	14.1
2X(N=49)	98	22.9	26	20.8	43.8	18.9

Table 2

### How to order

8	7	3	—								
Serie-Nr.				Nr. of Contact	Connector Type	Card thickness	Plating option	Cap option	Packing option		

Number of contact	Code
2X(N=10)	20
2X(N=20)	40
2X(N=30)	60
See Table 1 and Table 2	XX

Connector Type	Code
Standard (S Type)	10
Positions polarized (P Type)	20
Positions polarized with Latching (L Type)	30

Card thickness option	Code
1.57mm	1

Plating option	Code
Gold plated	10
Selective gold flash plated	60
10U* Selective gold plated	610
30U* Selective gold plated	630

Cap option	Code
W/Cap	1
W/O Cap	2

Packing option	Code
Tube	1
Tape & Reel	2

W.E.