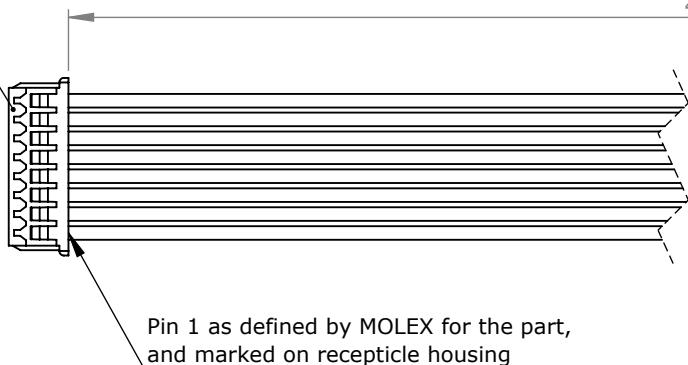


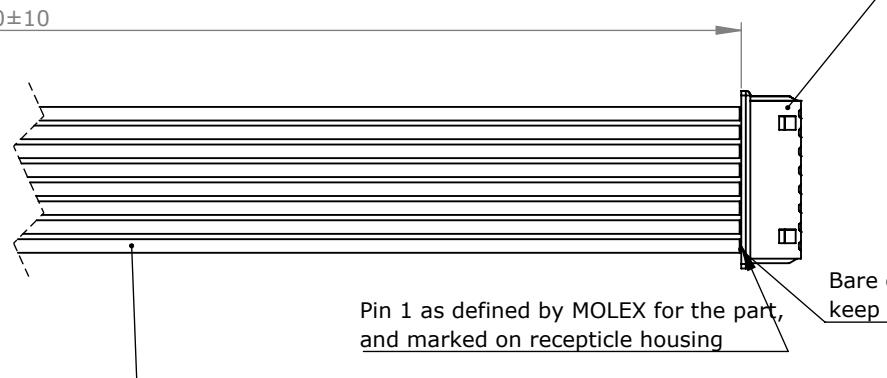
B

B

P1 MOLEX PicoBlade connector
receptacle housing PN 510210800
with 8 off matching crimp terminals



P2 MOLEX PicoBlade connector
receptacle housing PN 510210800
with 8 off matching crimp terminals



8 flexible multistranded insulated wires,
UL1061 28AWG 7 strands x 0.127mm with overall OD 0.9mm,
colour as shown in table below

Bare ends twisted to
keep strands together

Wiring P1 to P2

P1 pin	P2 pin	Wire colour	Signal name
1	1	Red	5V
2	2	Black	0V
3	3	Brown	A+
4	4	White	A-
5	5	Blue	B+
6	6	Green	B-
7	7	Orange	N+
8	8	Yellow	N-

dimensions in mm