

P1 MOLEX PicoBlade connector
receptacle housing PN 51021-0600
with 6 off matching crimp terminals

120±10

P2 MOLEX Pico-EZmate connector housing
single row 1.2mm pitch PN 78172-5006
with 6 off crimp terminals appropriate
to housing and wire diameter

Wires twisted together between connectors,
enough to keep them bundled together but
not so much that the bundle becomes stiff
(not shown here)

6 flexible multistranded insulated wires,
diameter to suit crimps at each end,
colour white

Pin 1 as defined by MOLEX for the part,
and marked on receptacle housing

Pin 1 as defined by MOLEX for the part,
and marked on receptacle housing

Wiring from P1 to P2

P1 (PicoBlade) pin	P2 (EZmate) pin	Signal name
6	1	EX
5	2	CB
4	3	SB
3	4	CA
2	5	VREF
1	6	SA

Test procedure: continuity from each
pin of P1 to equivalent pin of P2

Dimensions in mm
Tolerance ±0.2mm unless otherwise stated

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FILE:
013-6021_0002_(120mm_6-way_PicoBlade-EZmate)

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