



Reconnended P.C.Board
Hole Layout

MATERIALS:

- (1) HOUSING:
HI-TEMP. PLASTIC (94V-0)
 - (2) CONTACT:
COPPER ALLOY ($t=0.2\text{mm}$)
PLATING GOLD OVER NICKEL
- PECIFICATION:
- (1) CURRENT RATING: 0.5A MAX
 - (2) INSULATION RESISTANCE:
1000 M Ω MIN AT 500V DC.
 - (3) DIELECTRIC WITHSTANDING VOLTAGE:
150V (r.m.s) AC AT 0.5mA FOR 1 MINUTE
 - (4) CONTACT RESISTANCE: 50m Ω MAX.
 - (5) OPERATING TEMPERATURE:
 $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
 - (6) MAX. PROCESSING TEMP:
230 $^{\circ}\text{C}$ FOR 30 ~ 60 SECONDS

NP051 9-PxxX-xxx-LF
LEADFREE
RoHS Compliant

Mated Height		PART NO.	H
1.5mm	MALE	NP0519-P05X-xxx	1.25
	FEMALE	NP0519-S10X-xxx	1.35
2.0mm	MALE	NP0519-P05X-xxx	1.25
	FEMALE	NP0519-S15X-xxx	1.95
2.5mm	MALE	NP0519-P10X-xxx	1.75
	FEMALE	NP0519-S15X-xxx	1.95
3.0mm	MALE	NP0519-P05X-xxx	1.25
	FEMALE	NP0519-S25X-xxx	2.85

Circuits	Dimension		
	A	B	C
10	5.50	3.40	2.00
12	6.00	3.90	2.50
14	6.50	4.40	3.00
16	7.00	4.90	3.50
18	7.50	5.40	4.00
20	8.00	5.90	4.50
22	8.50	6.40	5.00
24	9.00	6.90	5.50
26	9.50	7.40	6.00
28	10.00	7.90	6.50
30	10.50	8.90	7.00
32	11.00	8.90	7.50
34	11.50	9.40	8.00
36	12.00	9.90	8.50
38	12.50	10.40	9.00
40	13.00	10.90	9.50
42	13.50	11.40	10.00
44	14.00	11.90	10.50
46	14.50	12.40	11.00
48	15.00	12.90	11.50
50	15.50	13.40	12.00
52	16.00	13.90	12.50
54	16.50	14.40	13.00
56	17.00	14.90	13.50
58	17.50	15.40	14.00
60	18.00	15.90	14.50
62	18.50	16.40	15.00
64	19.00	16.90	15.50
66	19.50	17.40	16.00
68	20.00	17.90	16.50
70	20.50	18.40	17.00
72	21.00	18.90	17.50
74	21.50	19.40	18.00
76	22.00	19.90	18.50
78	22.50	20.40	19.00
80	23.00	20.90	19.50
82	23.50	21.40	20.00
84	24.00	21.90	20.50
86	24.50	22.40	21.00
88	25.00	22.90	21.50
90	25.50	23.40	22.00
92	26.00	23.90	22.50
94	26.50	24.40	23.00
96	27.00	24.90	23.50
98	27.50	25.40	24.00
100	28.00	25.90	24.50

MORE THAN ALL
CONNECTORS
ASSEMBLIES

煜倫股份有限公司

PART NO. NP051 9-PxxX-xxx													
DWG NO. NP051 9-PxxX-xxx		CHECKED BY CY	TOLERANCES ARE .X ± 0.2 .XX ± .XXX ± AWG		DESCRIP TION:	0.5mm Board to Board Stacked Height 1.5~3.0mm Plug Type							
FILE NO.		DRAWING BY				AREA	REVISIONS	HK	DATE				
UNIT / mm	SCALE 1:1	PROJECTION 											