

Reconnended P.C.Board

Hole Layout

**MATERIALS:**

- (1) HOUSING:  
HI-TEMP.PLASTIC(94V-0)
- (2) CONTACT:  
COPPER ALLOY(t=0.2mm)  
PLATING GOLD OVER NICKEL

**SPECIFICATION:**

- (1) CURRENT RATING: 0.5A MAX
- (2) INSULATION RESISTANCE:  
1000 M MIN AT 500V DC.
- (3) DIELECTRIC WITHSTANDING VOLTAGE:  
150V(r.m.s) AC AT 0.5mA FOR 1 MINUTE
- (4) CONTACT RESISTANCE: 50m MAX.
- (5) OPERATING TEMPERATURE:  
-40°C~+105°C
- (6) MAX. PROCESSING TEMP:  
230°C FOR 30 ~ 60 SECONDS

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

Mated Heigh		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	1.85
2.5mm	MALE	NP0519-P10X-xxx	1.75
	FEMALE	NP0519-S15X-xxx	1.85
3.0mm	MALE	NP0519-P05X-xxx	1.25
	FEMALE	NP0519-S25X-xxx	2.35

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

**RoHS Compliant**

DRAWING BY CY

CHECKED BY GENIUS

UNIT/ mm  
DATE

SCALE 1:1

SIZE A4

P PROJECTION

TOLERANCES ARE

X, ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

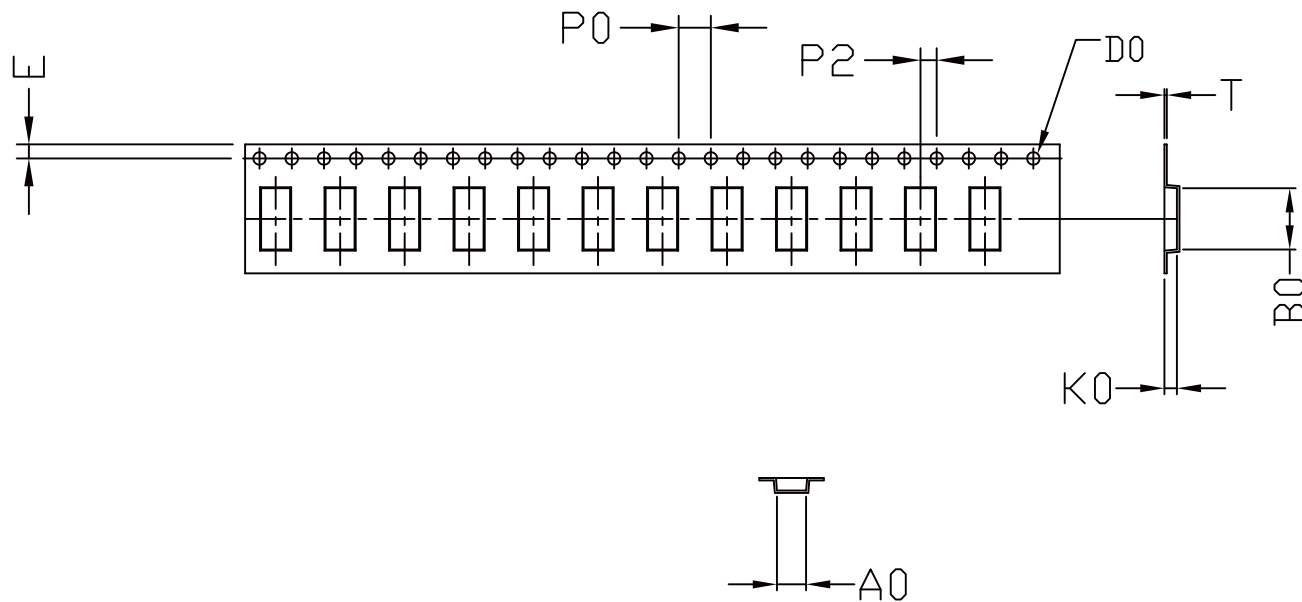


**ORDER INFORMATION**

NP0519-PxxXR-xxx-LF

SERIES | REEL | LEADFREE  
| | 010~100WAY  
NON POST  
UNMATED HIGH  
MALE

DESCRIPTION: 0.5mm Board to Board  
Stacked Height 1.5~3.0mm Plug Type



ITEM	DIM	ALTERNATE
W	16.00 <sup>+0.30</sup> <sub>-0.30</sub>	
E	1.75 <sup>+0.10</sup> <sub>-0.10</sub>	
F	7.50 <sup>+0.15</sup> <sub>-0.15</sub>	
P	8.00 <sup>+0.10</sup> <sub>-0.10</sub>	
P <sub>0</sub>	4.00 <sup>+0.10</sup> <sub>-0.10</sub>	
P <sub>2</sub>	2.00 <sup>+0.15</sup> <sub>-0.15</sub>	
D <sub>0</sub>	∅1.50 <sup>+0.10</sup> <sub>-0.00</sub>	
T	0.3 <sup>+0.05</sup> <sub>-0.05</sub>	
A <sub>0</sub>	3.6 <sup>+0.10</sup> <sub>-0.10</sub>	
B <sub>0</sub>	7.8 <sup>+0.10</sup> <sub>-0.10</sub>	
K <sub>0</sub>	1.55 <sup>+0.10</sup> <sub>-0.10</sub>	

1. 10 sprocket hole pitch cumulative tolerance  $\pm 0.20\text{mm}$ .
2. Carrier camber not to exceed 1mm in 250mm.
3. A<sub>0</sub> and B<sub>0</sub> measured on a plane 0.3mm above the bottom of the pocket.
4. K<sub>0</sub> measured from a plane on the inside bottom of the pocket to the top surface of the carrier.
5. All dimensions meet EIA-481-B requirements.
6. Packing length per 22" reel : 99 Meters.
7. Component load per 13" reel : 4000 pcs. (CG-134 : 4" core)

料帶 黑色抗靜電 PS  
材質

RoHS Compliant

TOLERANCES ARE



ORDER INFORMATION

NP0519-PxxXR-xxx-LF

SERIES | | | LEADFREE  
010~100WAY  
REEL  
NON POST  
UNMATED HIGH  
MALE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT/mm SCALE 1:1

DATE

SIZE A4

PJECTION

X. ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

DESCRIPTION: 2x9 pin