

CUSTOMER COPY



REVISION DATA

SYM	ECN	DESCRIPTION	DATE	APPROVED

Technical Data

Material:

Housing:LCP,white,UL94V-0 RoHS

Actuator:PA46,black,UL94V-0 RoHS

Terminal:Phosphor Bronze,Tin plated

Solder Tab:Phosphor Bronze,Tin plated

Electrical:

Current rating:1Amps/contact max.

Voltage rating:125V/contact AC/DC

Contact resistance:≤20mΩ

Insulation resistance: ≥500MΩ at V=1000V

Withstanding Voltage:500V AC/min

Mechanical:

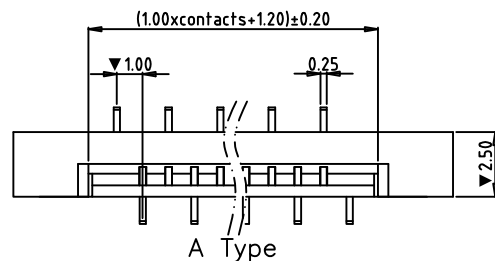
Operating temperature:-25°C to +85°C

Operating humidity:90% max.

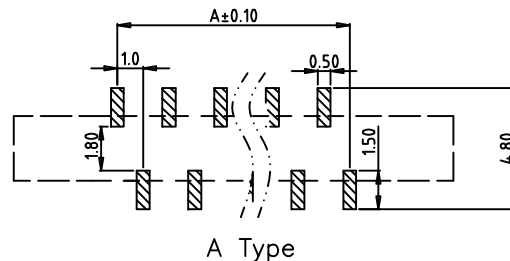
Storage temperature:23±5°C

Storage humidity:55±20%

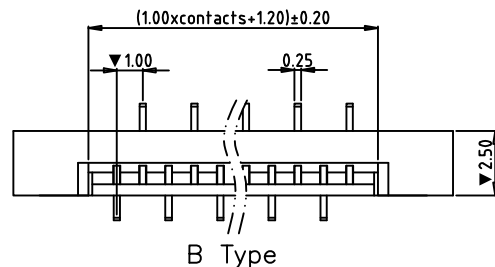
Critical Dimensions:▼



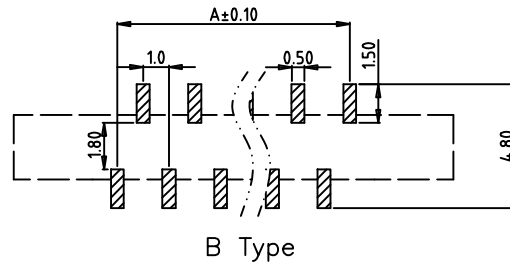
A Type



A Type

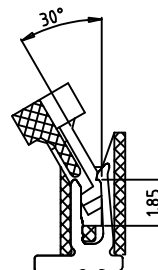
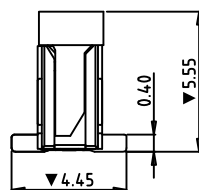
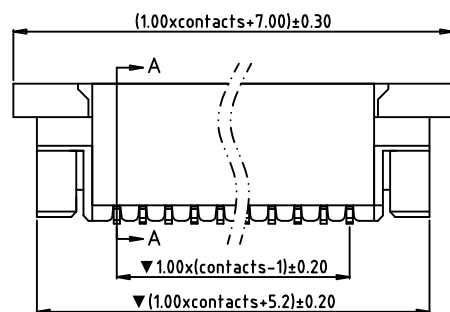


B Type

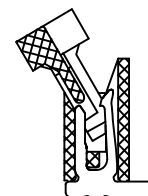


B Type

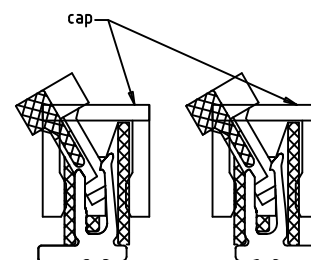
Recommended P.C.B
Layout(±0.05)



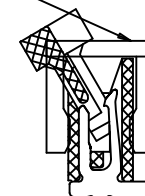
A Type



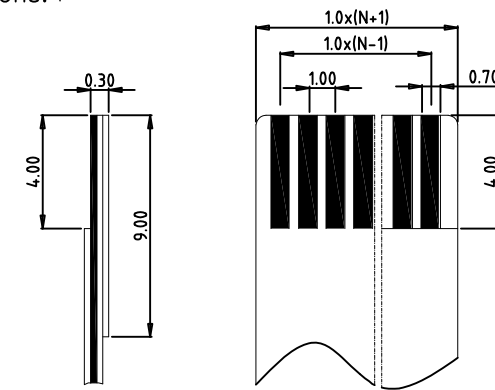
B Type



C Type



D Type



Suitable cable

Ordering information

F	D	D	1	XX	X	X	-	19
Pitch	Pin Type	Row Option	No. of positions	Contact Plating	Connector Type	Serial No.		
B 0.50mm	A 180°	1 Single Row	04 to 35	A GF	A A Type	00-99		
C 0.80mm	B 90°	2 Dual Row		C Au 5μ"	B B Type			
D 1.00mm	D SMT	Z Special		D Au 10μ"	C C Type			
E 1.25mm				E Au 15μ"	D D Type			
Z Special				F Au 30μ"				
				H GF / Sn120μ"				
				S Sn120μ"				
				Z Special				

A-A

natconn®广东纳特康电子股份有限公司
GUANGDONG NATCONN ELECTRONIC CO.,LTD

TOLERANCE:	PROJECTION	TITLE:
ANGLE ±2°	DATE	2014/04/08
X.XXX ±0.01	DRAWN	唐建平
X.XX ±0.25	CHECKED	雷邦军
X.X ±0.35	APPROVED	冯显东
X. ±0.50		
	CUSTOMER:	N/A
	CUSTOMER P/N:	N/A
	PART NO.:	FDD1XXXX-19
	DRAWING NO.:	FDD1XXXX-19
	SIZE:	A4
	UNIT:	mm
	SCALE:	1:1
	SHEET:	1/1

Pitch 1.0mm FPC ZIF SMT Vertical Contact