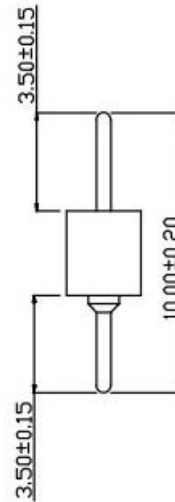
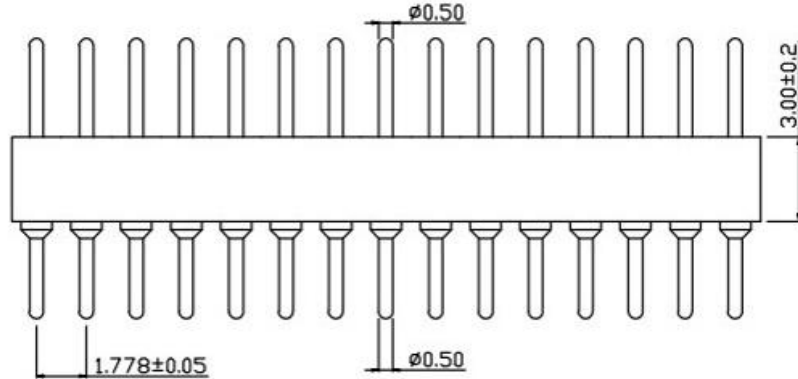
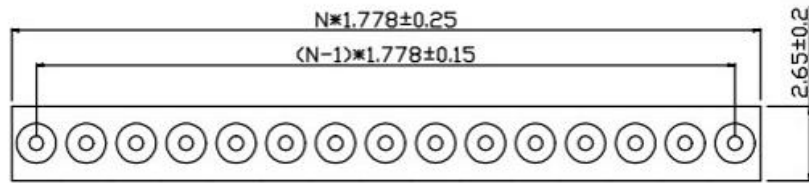


# RoHS

REV	ECN NO	DESCRIPTION	DATE	NAME
A		NEW		



**Materials**  
 Pin (outer sleeve): Brass, machined, CuZn69Pb2  
 Clip (contact finger): Beryllium copper, heat treated  
 Plating (outer sleeve):  
     Tin plated: 2μm/80u/nickel, 5μm/200u/Tin  
     Gold plated: 2μm/80u/nickel, full gold  
 Plating clip (contact): 2μm/80 u/nickel, gold or tin plating  
 Insulator body (black): Glass filled thermoplastic polyester UL94V-0

**Electrical**  
 Current rating: 3 Amps/contact max.  
 Contact resistance: <math>9 \mu\Omega</math> /contact  
 Insulation resistance: > 1000M at V=100V  
 Operating voltage: 60 AC/DC

**Mechanical**  
 Operating temperature :Gold plated: -55° to +105°  
 (Continuous) -57° to +105°  
     Tin plated: -40° to +105°  
 Average insertion force with steel pin of 0.43mm/0.017" < 200g  
 Average withdrawal force with steel pin of 0.43mm/0.017" > 50g  
 Mechanical Noise: 200  
 Soldering temperature: 280° , 10s max

**Application**  
 1. The open frame is most common type.  
 2. The open body design gives better access (for cleaning and inspection) to air-cooling.  
 3. Side and end stackable.  
 4. High retention design prevents IC walkout during heavy vibration.  
 5. Closed bottom sleeve for 100% anti-wicking of solder.  
 6. Twist free construction.

Solderability (IEC 68-2-54 Ta): 230° , 5s Max  
 Resistance to soldering heat (IEC 68-2-20 Tb): 280° , 5s Max

## Ordering Information

NO. of Pins  
 Per Row:  
 01-40P

The connection  
 method  
 0=180°  
 1=90°  
 2=SMT

Contact  
 Plating  
 1=Gold flash  
 2=Au/Tin

Serial NO.  
 01-99

Packing  
 A=PE Bag  
 B=Tube  
 C=Tray  
 D=Reel

STANDARD TOLERANCE (EXCEPT SPECIFIED)	
LINER	ANGLES
.0 ±0.30	0.° ±3°
.00 ±0.20	.0° ±2°
.000 ±0.10	.00° ±1°

## 广东科斯达电子科技有限公司

TITLE	PHL 7Pin-1, Machined Male Header B-0, 0 Single row 180° Type	DRAWN BY	Lujunhui	18.11.12
PART NO		CHECKED BY		
DRAWING NO		APPROVED BY		
SCALE	1:1	UNIT	mm	PAGE 1/1
				SIZE A4