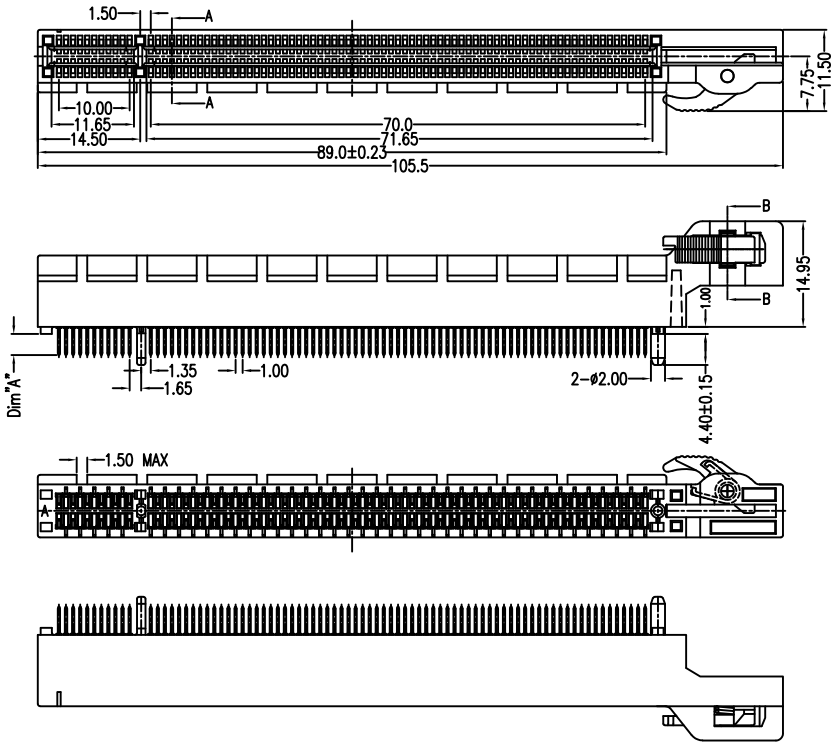
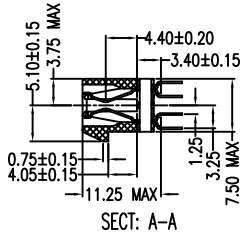
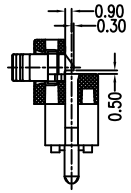
REV.	ECN.NO.	DATE
A	RELEASED	05/20-'09
B	Modify view	10/31-'16
C	Modify Notes	08/14-'18





SECT: A-A



SECT: B-B

Part NO.	Dim"A"
HPCE-164-VFD-52L	2.50mm
HPCE-164-VFD-53L	3.00mm

NOTES:

*Material

Body: Nylon46 ,UL 94V-0 Rated.
Plastic Ear: Nylon66,UL 94V-0 Rated.
Spring: 65Mn.
Contacts: Brass
Plating: Au plating on contact area,
Sn (100u" Min.) plating on solder tail,
Ni (40u" Min.) underplating overall.

*Mechanical:

Insertion Force: 1.15N max per contact pair;
Withdrawal Force: 0.15N min per contact pair;
Contact Retention Force: 4.9N min per contact;

*Electrical Specification

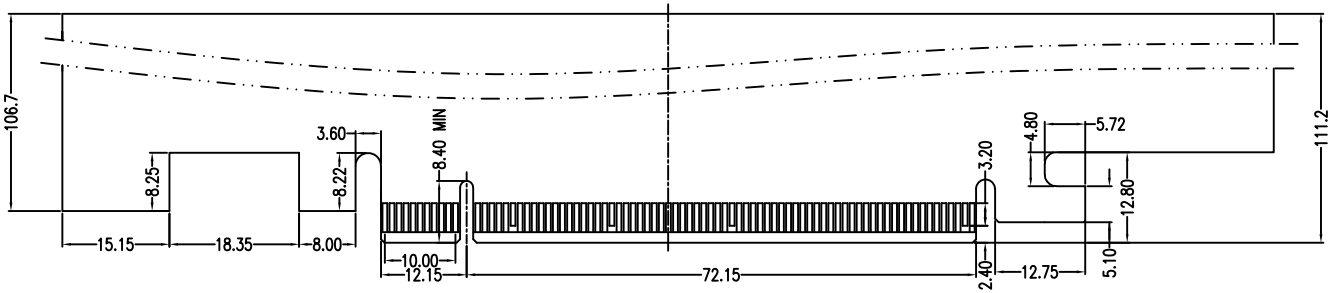
Contact Resistance : 30mΩ Max.
Current Resistance : 1.1 Ampere
Insulation Resistance : 1000mΩ Min,At 500V AC.

*Environmental

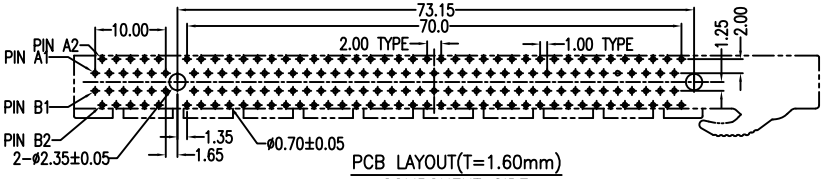
Operating Temperature : -55°c to +105°c

*How to order:

HPCE-164-VFD-52L
- L:Left
- 2:Pin Length 2.5mm
  3:Pin Length 3.0mm
- Gold F:>0.8u" 5:15u" 3:30u"
- Number of Contacts
- Series NO.



DAUGHTER CARD REQUIREMENTS



PCB LAYOUT(T=1.60mm)
COMPONENT SIDE

Units	mm	Scale	1:1
Tolerance Unless Otherwise Specified			
.X	≈	±0.35	
.XX	≈	±0.25	
.XXX	≈	±0.15	
Angle	≈	± 3°	

Drawing By	Date
CXS	08/14-'18
Reviewed By	Date
SHARON	08/15-'18
Approval By	Date
JASON	08/22-'18

益 富 科 技 有 限 公 司
TEL: 886-3-5511680 FAX: 886-3-5511605

Date	08/14-'18
Sheet	1 of 1
Third Angle Projection	
Title	PCI Express 164 Pin Connector Clamp Left SideType(Plastic Posts)
Drawing No.	HPCE-164-VFD-52L
REV	C