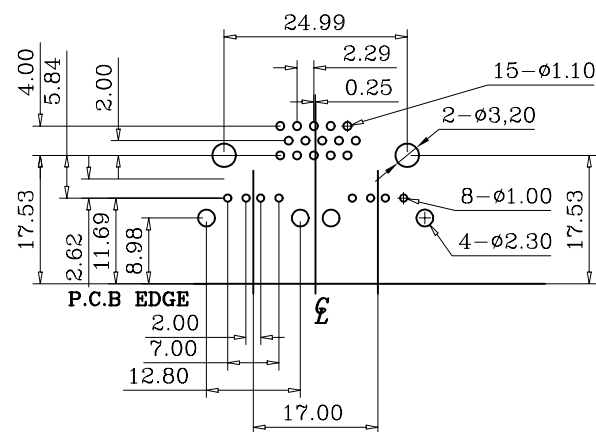
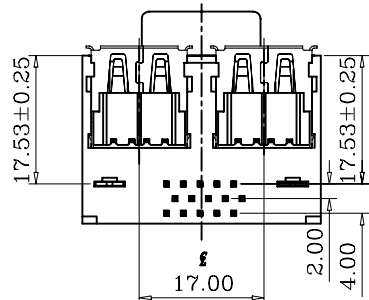
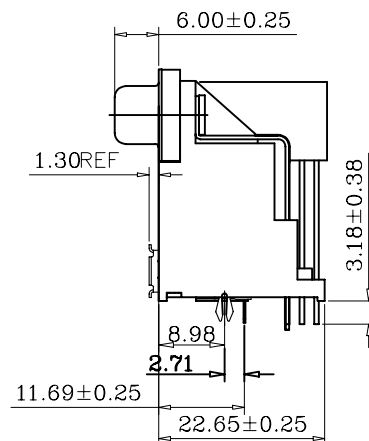
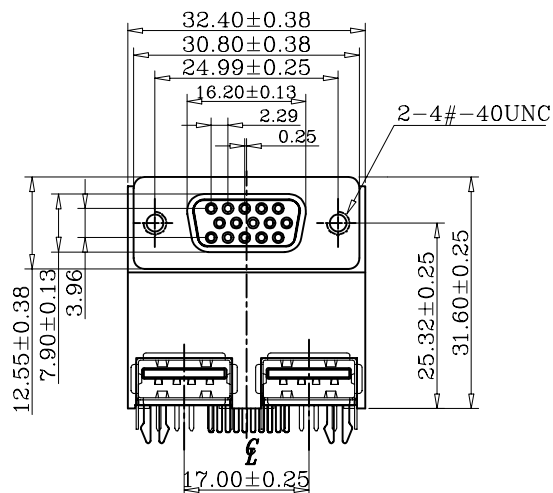




RECOMMENDED P.C.B. LAYOUT

SPECIFICATIONS

1:D-SUB

1.1:ELECTRICAL CHARACTERISTICS:

Contact Current Rating:3 Amperes.
Dielectric Withstanding Voltage: AC 1000/60sec.r.m.s.
Insulation Resistance:5000 Megohms Minimum.at DC 500V.
Contact Resistance:25 Milliohms Maximum.
Operating Temperature:-55°C to+105°C.

1.2:MECHANICAL CHARACTERISTICS:

Contact Insertion Force:341 g.Maximum.
Contact Separation Force:21 g.Minimum.

1.3:MATERIALS:

Contacts:Brass.
Insulator: PBT UL 94V-0 Rated.
Shell:Cold Roller Steel.

1.4:FINISHES:

Contact:Gold Flash.
Shell:Nickel Plated.

2:USB

2.1:ELECTRICAL CHARACTERISTICS:

Contact Current Rating:1Amperes.
Dielectric Withstanding Voltage: AC 750/60sec.r.m.s.
Insulation Resistance: 1000 Megohms Minimum
Contact Resistance: 25 Milliohms Maximum.
Operating Temperature: -40°C to+60°C.

2.2:MECHANICAL CHARACTERISTICS:

Mating Force: 3.5 Kg.Maximum.
Unmating Force: 1 Kg.Minimum.

2.3:MATERIALS:

Contacts: Phosphorous Bronze,C5191R-H
Insulator: PBT,UL 94V-0 Rated.
Front Shell: Brass ,C2680-H
Brack Shell: Spec.
Sprint Shell: Brass ,C2680-H

2.4:FINISHES:

Contact:Gold Flash.
Front Shell: 120u" MIN TIN,50~100u" Nickel
Spring Shell: 100u" Nickel
Brack Shell: 100u" Nickel

Series No.:	1278-823-001-100	Mounting Options:
No. of Contacts:	23: H.D.15/2-Port USB	0: 2-prong Board Locks.
Contact Type:	0: D-sub: Brass USB: Phosphor Bronze	Mating Options:
Contact Plating:	01: Selective Gold Flash 15: Selective 15u" Gold 30: Selective 30u" Gold	0: 4-40 Threaded Riveted 1: 4-40 Threaded Riveted & Jack Screws Assembled 2: 4-40 Threaded Riveted & Jack Screws in Bulk
		Insulator:
		0: PBT Black/Black 1: PBT Blue/Black

				Drawn by	ZhaoAn Zeng	2005-3-21	D-sub, Stack, H.D.15S/2 USB A F	
				Designed by	ZhaoAn Zeng	2005-3-21		
				Approved by	ZhiFu Lin	2005-3-21		
					TORERANCE	Code:000		
A0	Drawing	ZhiFu Lin	2005.03.21	Units:mm(inches)	.X ±0.3 .XX ±0.25 .XXX ±0.100	Scale 1:1		
Ver NO	Revisions	CHK	Rev Date	SHEET 1 OF 1		Angles+/-1°	Ver A0	Part No. 1278-823-001-100