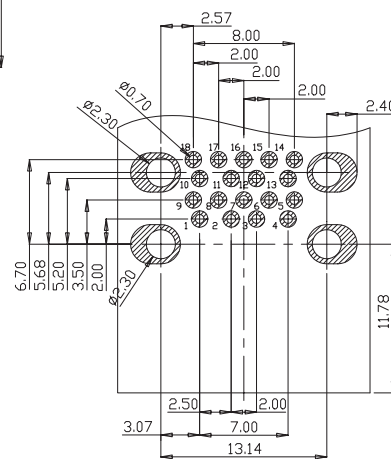
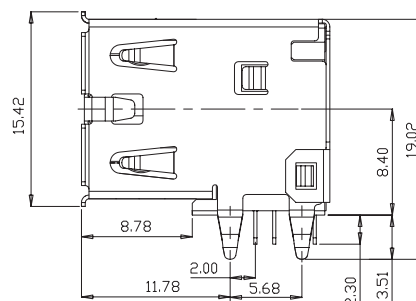
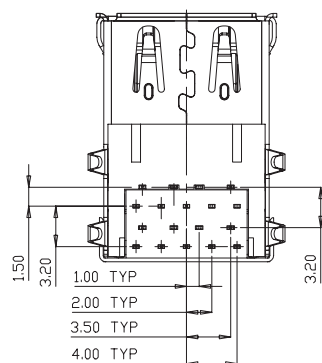
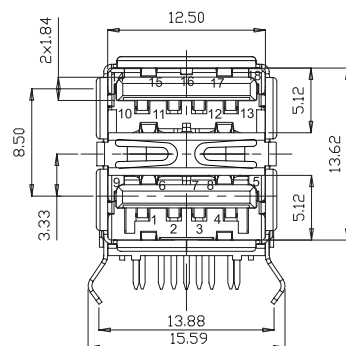
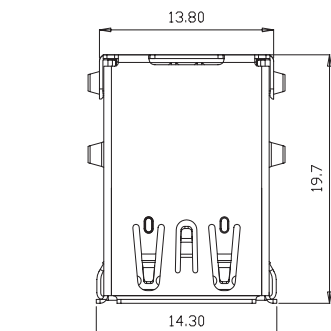




TECHNICAL CHARACTERISTICS

MATERIAL

INSULATOR: LCP

FLAMABILITY RATING: UL94-V0

COLOR: BLUE

CONTACT MATERIAL: PHOSPHORE BRONZE

CONTACT TYPE: STAMPED

CONTACT PLATING: UNDERPLATE 1.27 to 2.54 μm Ni

CONTACT AREA 0.76 μm Gold

SOLDER TAIL AREA 2.54 to 5.08 μm Matt Tin

SHIELDING: BRASS MATT TIN PLATED

ENVIRONMENTAL

OPERATING TEMPERATURE: -20 up to +85°C

COMPLIANCE: RoHS & LEAD FREE AS PER DIRECTIVE 2002/95/EC

HALOGEN FREE COMPLIANT AS PER IEC 61249-2-21

ELECTRICAL

CURRENT RATING:

- PIN 1 & PIN 4 (Vbus & corresponding ground PIN) 1.8A Max

- OTHER PINS 0.25 A min

WORKING VOLTAGE: 30Vac

DIELECTRIC WITHSTANDING VOLTAGE: 100Vac/min

INSULATION RESISTANCE: > 100MΩ

CONTACT RESISTANCE:

- PIN 1 & PIN 4: 30mΩ Max

IMPEDANCE: $90\Omega \pm 15\Omega$ @ 50ps RISE TIME (20~80%)

MECHANICAL

INSERTION FORCE: 35.0N Max

EXTRACTION FORCE: 10.0N min

QUALITY CLASS: 5000 MATING CYCLES

SOLDERING

WAVE & REFLOW PROCESS AS PER JEDEC J-STD-020D

PACKAGING

TRAY

PCB LAYOUT - COMPONENT VIEW

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = $\pm$ 0.2 .XX = $\pm$ 0.15		
G							
F							
E							
D							
C				APPROVAL: RJ	UNIT: MM	DESCRIPTION: USB 3.0 STACKED TYPE A	SIZE A4
B					SCALE:		
A	04-AUG-10	PDF	JP		SHEET: 1/2		
REV	DATE	FILE	BY		DRAW: JOE		

