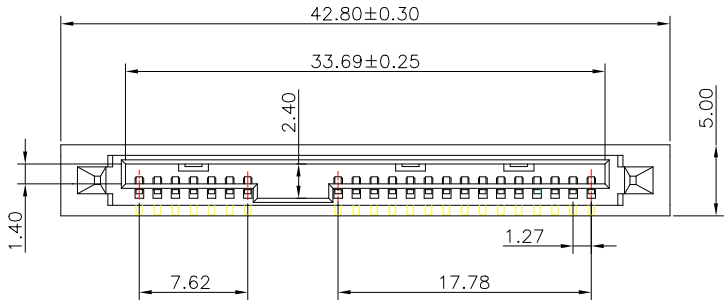
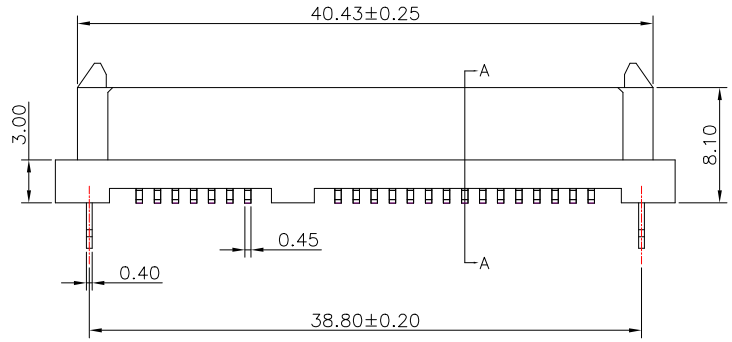
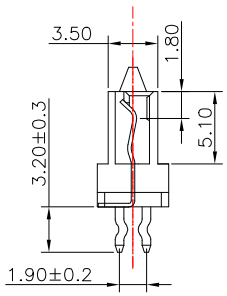
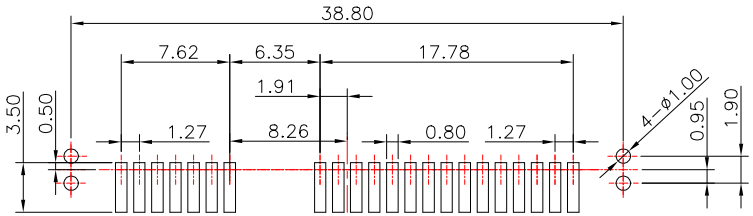
Rohs Compliant







SECTION A–A



RECOMMENDED PCB LAYOUT(T=1.60mm)

PCB TOLERANCE:±0.05

SPECIFICATION:

1.MATERIAL:

HOUSING:LCP 30% G/F UL 94V-0

COLOR:BLACK

CONTACT:PHOSPHOR BRONZE C5191-H,T=0.25mm

PEG: SUS 304-H,T=0.40mm

2.FINISH:

CONTACT:GOLD FLASH PLATING ON CONTACT AREA
80u"MIN. TIN-LEAD PLATING ON SOLDERTAILS
30u" MIN.NICKEL UNDERPLATING OVER ALL

PEG:80u" MIN. TIN-LEAD PLATING ON SOLDERTAILS
30u" MIN.NICKEL UNDERPLATING OVER ALL

3.ELECTRICAL:

CURRENT RATING:1.5 AMPERE PER CONTACT

CONTACT RESISTANCE:30 MILLIOHMS MAX

INSULATION RESISTANCE:1000 MEGOHMS MIN

DIELECTRIC WITH STANDING VOVTAGE:500 VDC

OPERATING TEMPERATURE: -40°C ~ +85°C

4: MECHANICAL:

INSERTION FORCE: 45N MAX.

WITHDRAWAL FORCE: 4N MIN.

DURABILITY: 500 cycles MIN.

REV.	DESCRIPTION	DATE	CHANGER
A	INITIAL RELEASE	2020-01-05	Maoxing

GENERAL TOLERANCES (UNLESS SPECIFIED)			
LINEAR	X.X	±0.38	
	X.XX	±0.25	
	X.XXX	±0.10	
ANGULAR	X°	±3°	
	X.X°	±1°	
PROJECT		UNIT:mm	SIZE: A4

Wellco T&C Co., Ltd.

PART NAME:	SATA 7+15P Female H8.1mm Vertical Type SMT		
PART NO:	SF80-220T0SL6201	DRAWED	Maoxing
SERIES:	DN-SF22SL-H8.0	CHECKED	Saint
SCALE:1:1	SHEET: 01 OF 01	APPROVED	Alun