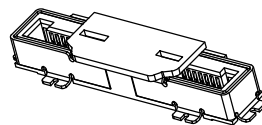
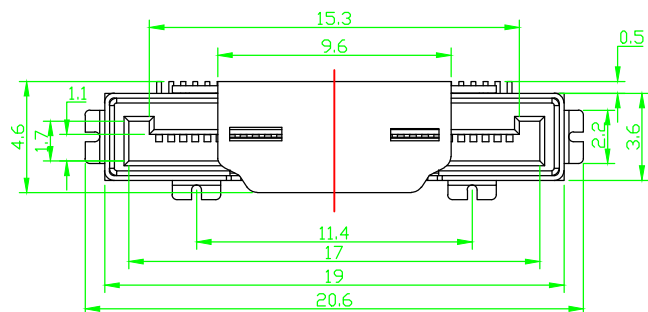


C-DWG

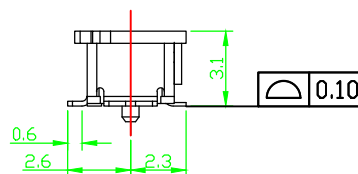
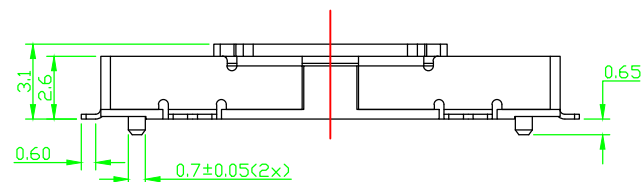
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
02	--	Revised drawing	2019.10.31	HL.W
03	--	ADD PLATING SPEC	2020.02.28	YIN



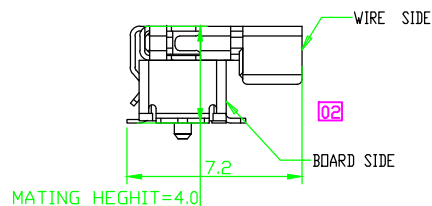
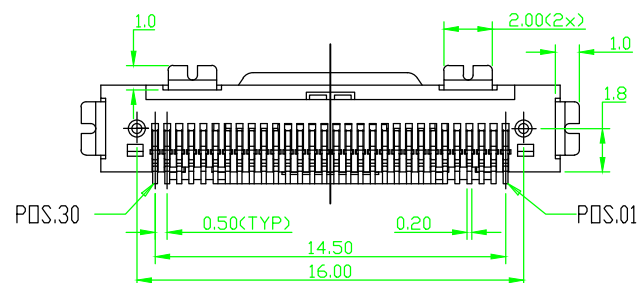
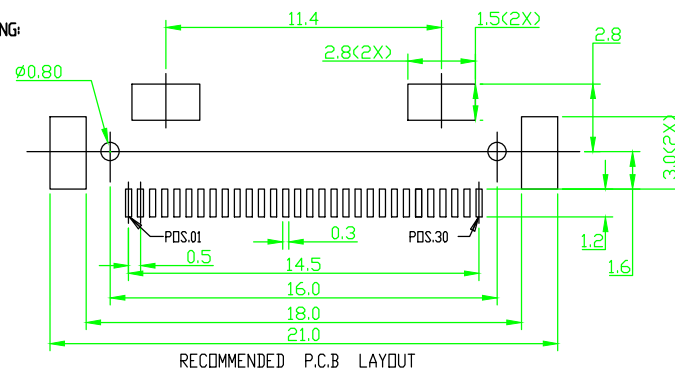
7.PART NO.
12HW-B03 * -A827 * R

HOUSING COLOR:
B: BLACK
W: WHITE

CONTACT AREA PLATING:
G: G/F
S: 5u"
B: 15u"



NOTES:
SPECIFICATION:
1.DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5M-1994.
2.ELECTRICAL CHARACTERISTICS
2.1 CONTACT CURRENT RATING:0.5 AMPERE D.C. MAX..
2.2 CONTACT RESISTANCE:80m MAX.(INITIAL)
2.3 DIELECTRIC WITHSTANDING VOLTAGE:150VAC FOR 1 MINUTE.
100m MAX.(AFTER).
2.4 INSULATION RESISTANCE:100 MEGAOHMS MIN..
3.MECHANICAL CHARACTERISTICS
3.1 MATING FORCE:40N MAX..
3.2 UNMATING FORCE:3N MIN..
3.3 DURABILITY:30 CYCLES.
4.ENVIRONMENTAL CHARACTERISTICS
5.THE PRODUCTS SHOULD MEET THE R.O.H.S REQUIREMENT.
6.RECOMMENDED PROCESS CONDITION:SMT,PEAK TEMPERATURE 260°C,10~20S.



4	CAP	THERMOPLASTIC LCP,UL 94V-0	COLOR:BLACK
3	SHELL	STAINLESS STEEL SUS 304	10u"MIN. TIN PLATING OVER 10u"MIN. NI PLATING.
2	CONTACT	COPPER ALLOY C5210	50u"Min.NI PLATING OVER ALL GOLD FLASH PLATING ON CONTACT AREA 5u"Min.GOLD PLATING ON CONTACT AREA GOLD FLASH PLATING ON SOLDER AREA 50u"Min.NI PLATING OVER ALL 15u"Min. GOLD PLATING ON CONTACT AREA GOLD FLASH PLATING ON SOLDER AREA
1	HOUSING	THERMOPLASTIC LCP,UL 94V-0	COLOR:BLACK/WHITE
ITEM	DISCRIPTION	MATERIAL	FINISHED

DIM	TOL	DIM	DEG
X	±0.50	X°	±8°
X.X	±0.35	X.X°	±5°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.15	X.XXX°	±2°

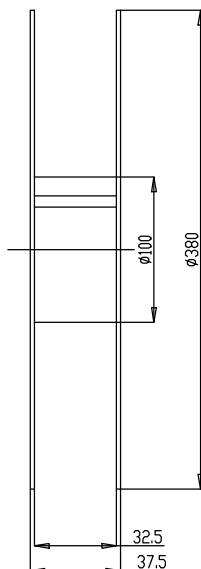
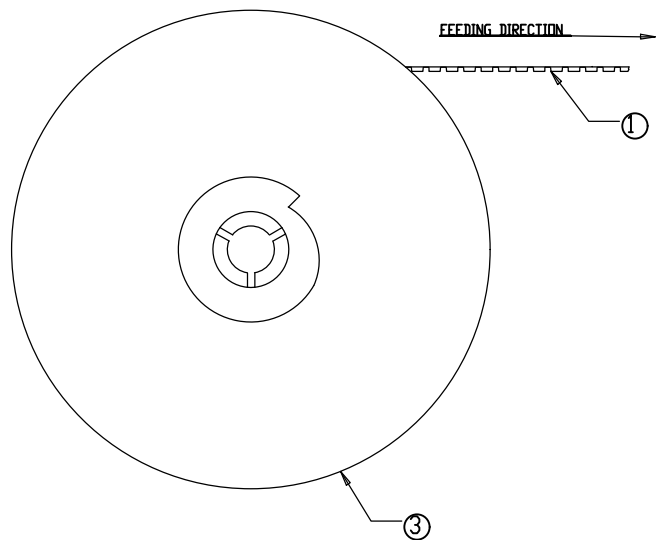
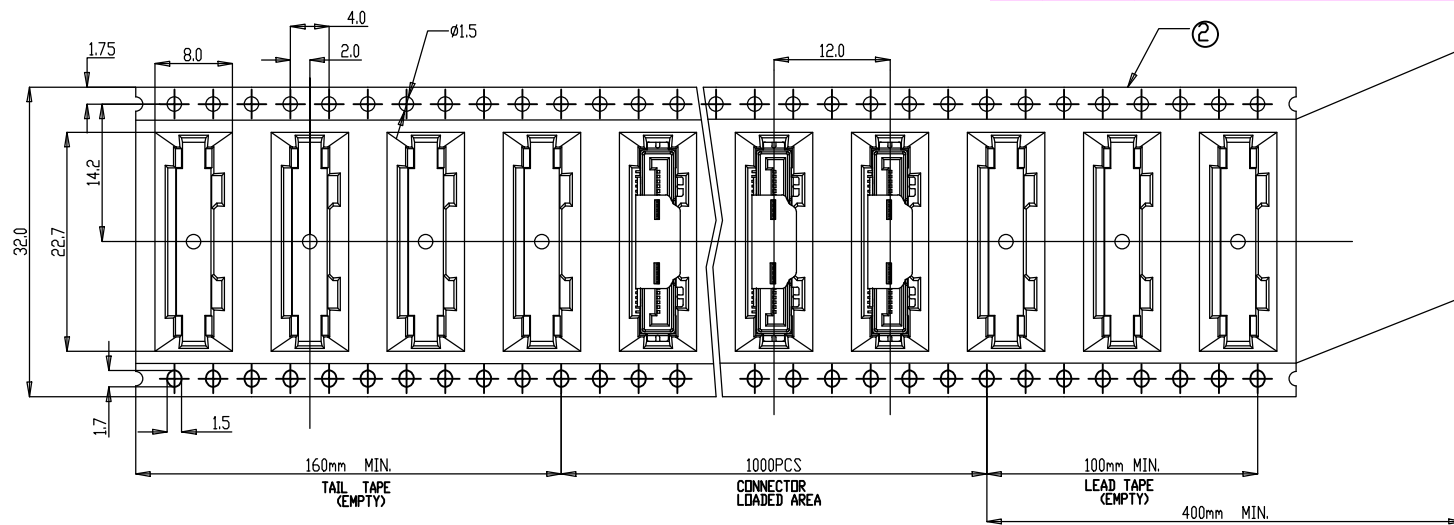
DESIGN:	YIN	2020.02.28
CHECK:		
APPROVED		

JOINSOO建舜電子

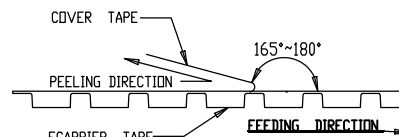
FILE:	DRAW NAME:
DRAW NO.	0.5P 30POS. BOARD SIDE WTB CONN.
P/N:12HW-B03*-A827*R	
UNIT: mm	SCALE: 1:1
REV: 03	SHEET: 1/3
MODEL:	

C-DWG

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
02	--	Revised drawing	2019.10.31	HL.W
03	--	ADD PLATING SPEC	2020.02.28	YIN



NOTES:
1.10. POKETS HOLE PITCH CUMULATIVE TOLERANCE 160.20mm.
2. COVER TAPE PEELING STRENGTH 0.1 KgF MAX. AT 300mm/min.



3.PACKAGING CAPACITY:

PCS/REEL	REEL/BOX	PCS/BOX
1000	4	4000

3	REEL	POLYSTYRENE
2	COVER TAPE	POLYESTER
1	CARRIER TAPE	POLYSTYRENE
ITEM	DESCRIPTION	MATERIAL

DIM	TOL	DIM	DEG
X	±0.50	X°	±8°
X.X	±0.35	X.X°	±5°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.15	X.XXX°	±2°

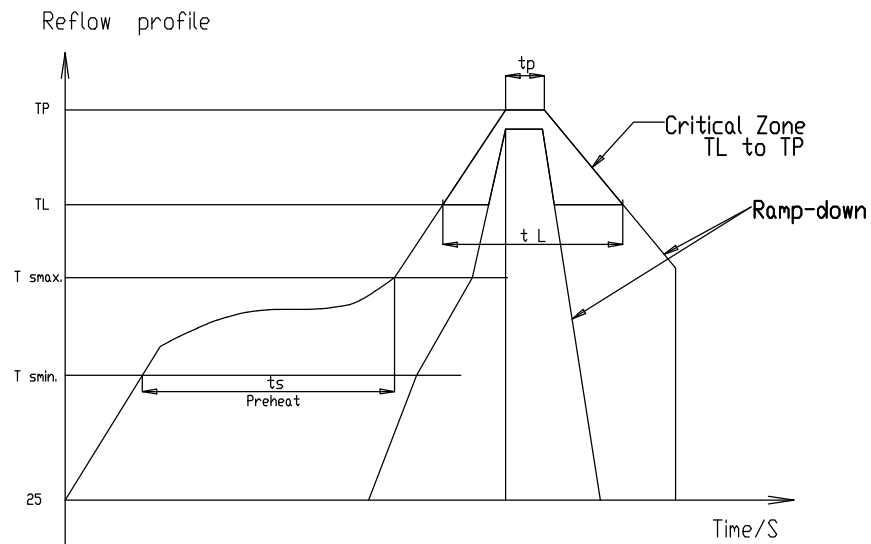
DESIGN:	YIN	2020.02.28
CHECK:		
APPROVED		

JOINSOO建舜電子

FILE:	DRAW NAME:
DRAW NO.	0.5P 30POS. BOARD
P/N:12HW-B03*-A827*R	SIDE WTB CONN.
UNIT: mm	SCALE: 1:1
REV: 03	SHEET: 2/3
MODEL:	

C-DWG

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
02	--	Revised drawing	2019.10.31	HL.W
03	--	ADD PLATING SPEC	2020.02.28	YIN



Profile Feature		
Average ramp-up rate(T to Tp)		3°C/S max.
Preheat	Temperature Min.(T smin.)	150°C
	Temperature Max.(T smax.)	200°C
	Time(min. to max.)(ts)	60-180S
Ts max to TL	Ramp-up rate	3°C/S max.
Time maintained above	Temperature TL	217°C
	Time tL	60-150S
Peak temperature(Tp)		260°C
5°C time within 5°C of actual peak temperture(tp)		10-20S
Ramp-down rate		6°C/S max.
Time 25°C to actual peak temperture(tp)		8 minutes max.

DIM	TOL	DIM	DEG
X	±0.50	X°	±8°
X.X	±0.35	X.X°	±5°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.15	X.XXX°	±2°

DESIGN:	YIN	2020.02.28
CHECK:		
APPROVED		

JOINSOO建舜電子

FILE:	DRAW NAME:
DRAW NO.	0.5P 30POS. BOARD SIDE WTB CONN.
P/N: 12HW-B03*-A827*R	
UNIT: mm	SCALE: 1:1
REV: 03	SHEET: 3/3
MODEL:	

