

PRODUCT NUMBER

SEE PART NO. TABLE

NOTES:

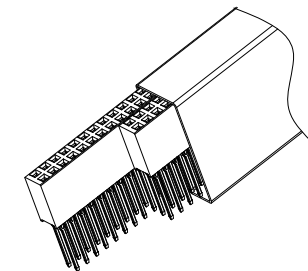
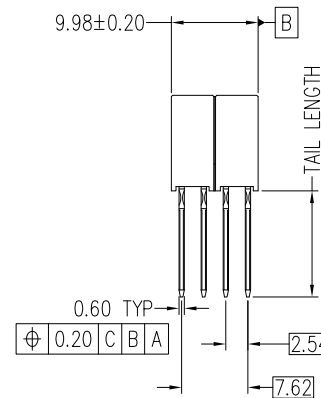
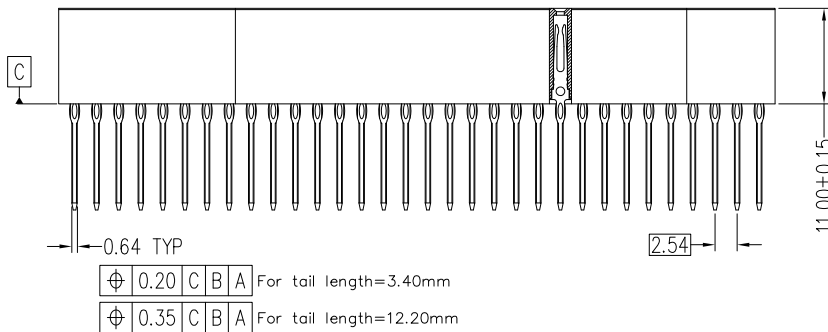
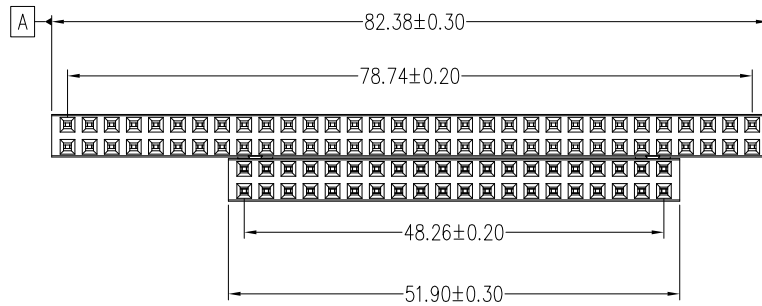
- MATERIAL:  
INSULATION MATERIAL: PPS+30%G.F UL94V-O  
CONTACT MATERIAL: PHOSPHER BRONZE  
CONTACT PLATING: NICKEL UNDERPLATE,GOLD REFER TO ORDERING CODE
- OPERATION TEMPERATURE: -55°C TO +105°C
- RECOMMEND PROCESS: PRESS FIT
- INSULATION RESISTANCE: 1000MΩ AT 500V/MIN
- WITHSTAND VOLTAGE: 1000V AC/DC
- RATED VOLTAGE: 12V DC, RATED CURRENT: 2AMP
- CONTACT RESISTANCE: 30mΩ MAX
- PRODUCT SPEC: GS-12-1542, PACKING SPEC: GS-14-2678
- ORDERING CODE: 10153302-XX X X X LF

NO. OF PINS  
20 = 20 pins  
32 = 32 pins  
52 = 32+20 pins

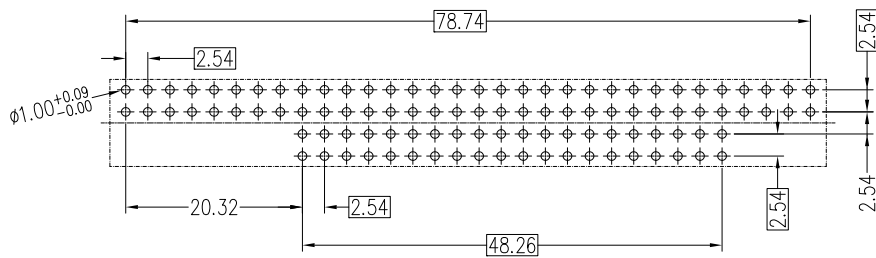
LEAD FREE  
PACKAGE  
1: TUBE

LENGTH OF TAIL  
1: 12.20mm  
2: 3.40mm

CONTACT FINISH  
1: GOLD FLASH OVER NICKEL  
2: 10u" GOLD AT MATING AREA+3u" Gold AT TAIL



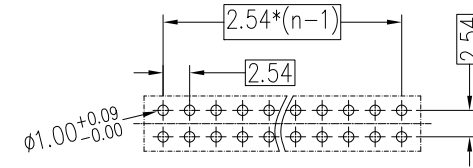
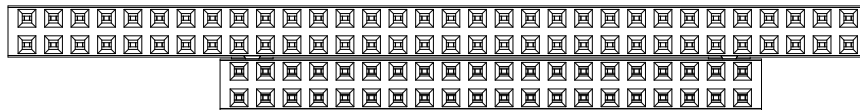
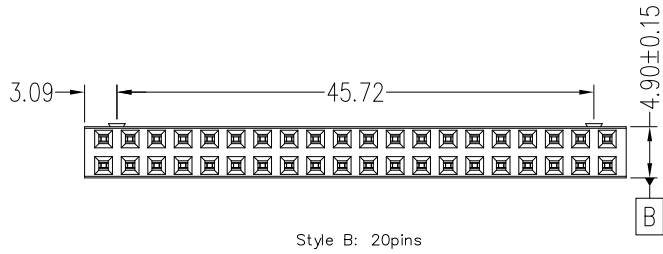
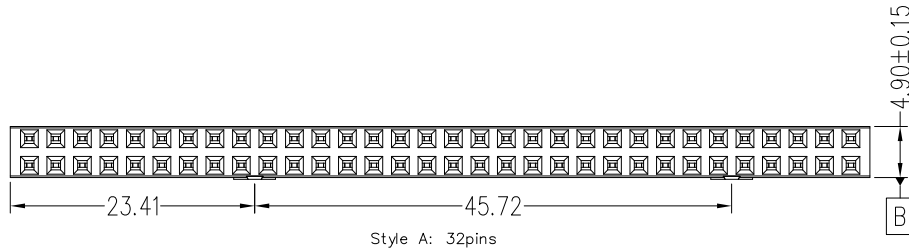
3D View for 52pins  
After packing



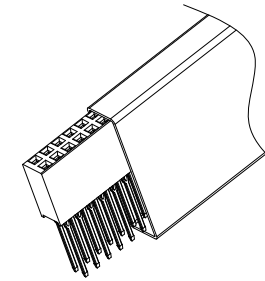
Recommended P.C.B Layout for 52pins (Top Side)  
(PCB BOARD TOLERANCE±0.05)

10153302-XX1XXLF	12.20
10153302-XX2XXLF	3.40
PRODUCT NO.	TAIL LENGTH

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 1101		product family PC104	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title 2.54pitch PC104 2*20P+2*32P Vertical PF	
A	New Release	JASON	2019-07-15	angles	.X±.40	mm		dwg no	
B	ELX-N-44959	MKX	2022-06-06	linear	.XX±.25	scale 1:1		sheet 1 of 2	
		dr	Jason Wang	3*±x'				size	
		engr	Jason Wang					A3	
		chr	-					10153302	
		appd	TIM YAO					type Product Customer Drawing	
sheet index	revision sheet	B	B						
		1	2						



Recommended P.C.B Layout for 32pins & 20pins (Top Side)  
(PCB BOARD TOLERANCE±0.05)



3D View for 32pins & 20pins  
After packing

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO 1101		mm		PC104	
ltr		ecn no		dr		date		title	
B								2.54pitch PC104 2*20P+2*32P Vertical PF	
		angles		linear		.X±.40			
						.XX±.25			
		3'±x'				.XXX±.15		scale 1:1	
		dr		Jason Wang		2019-06-14		dwg no	
		engr		Jason Wang		2019-07-15		sheet 2 of 2	
		chr		-		-		size	
		appd		TIM YAO		2019-07-15		A3	
sheet index		revision sheet						type Product Customer Drawing	