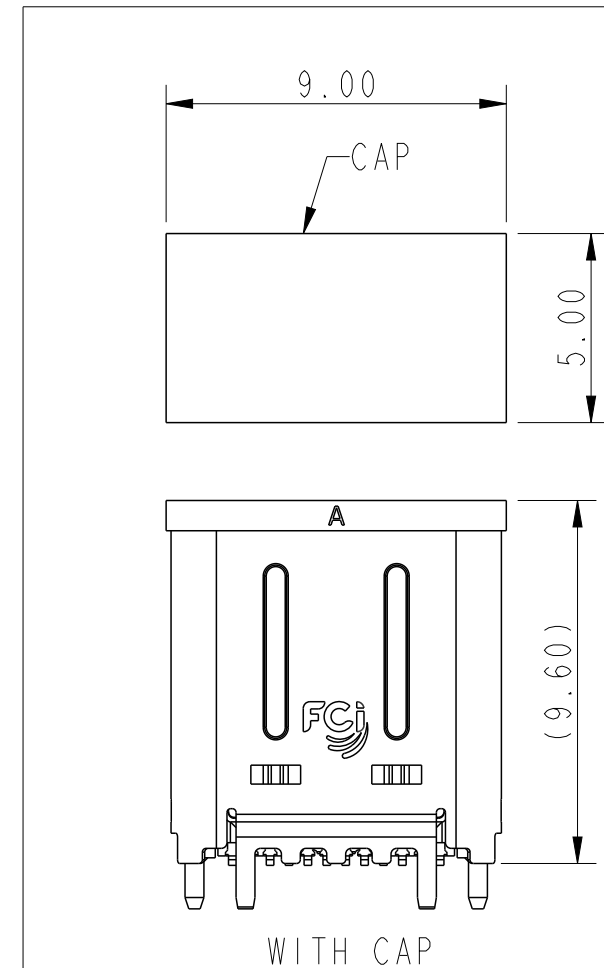
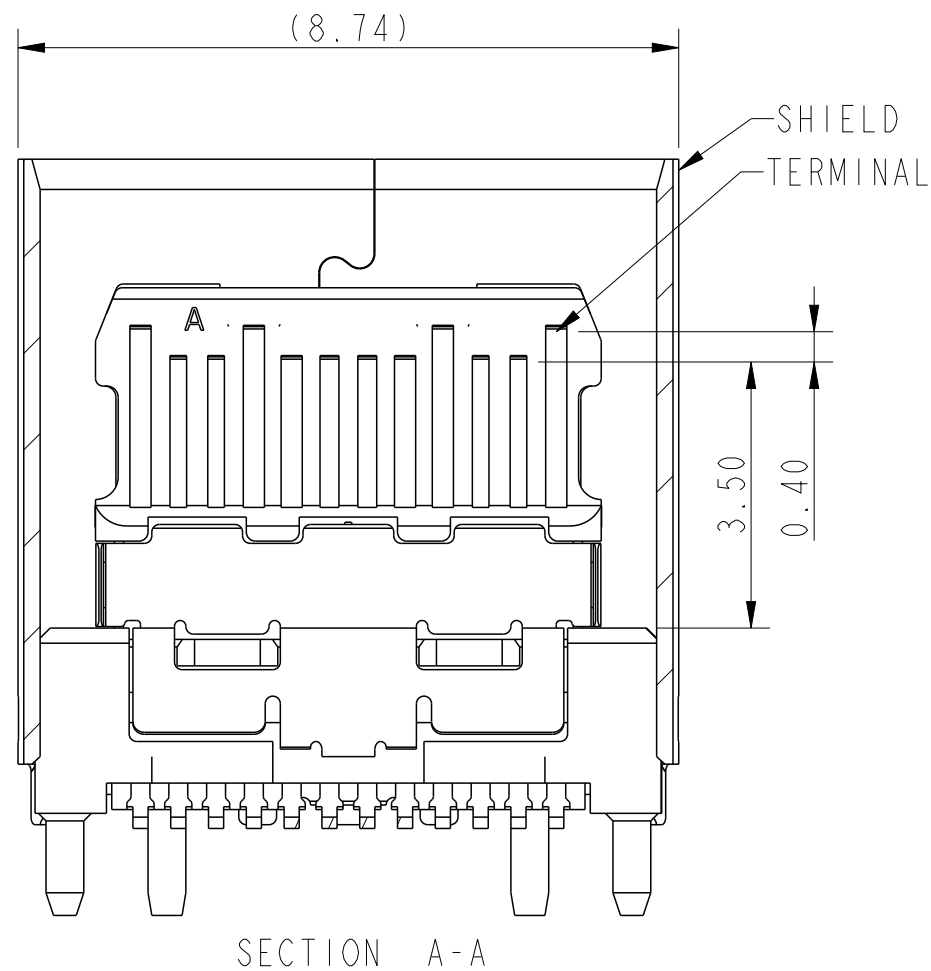
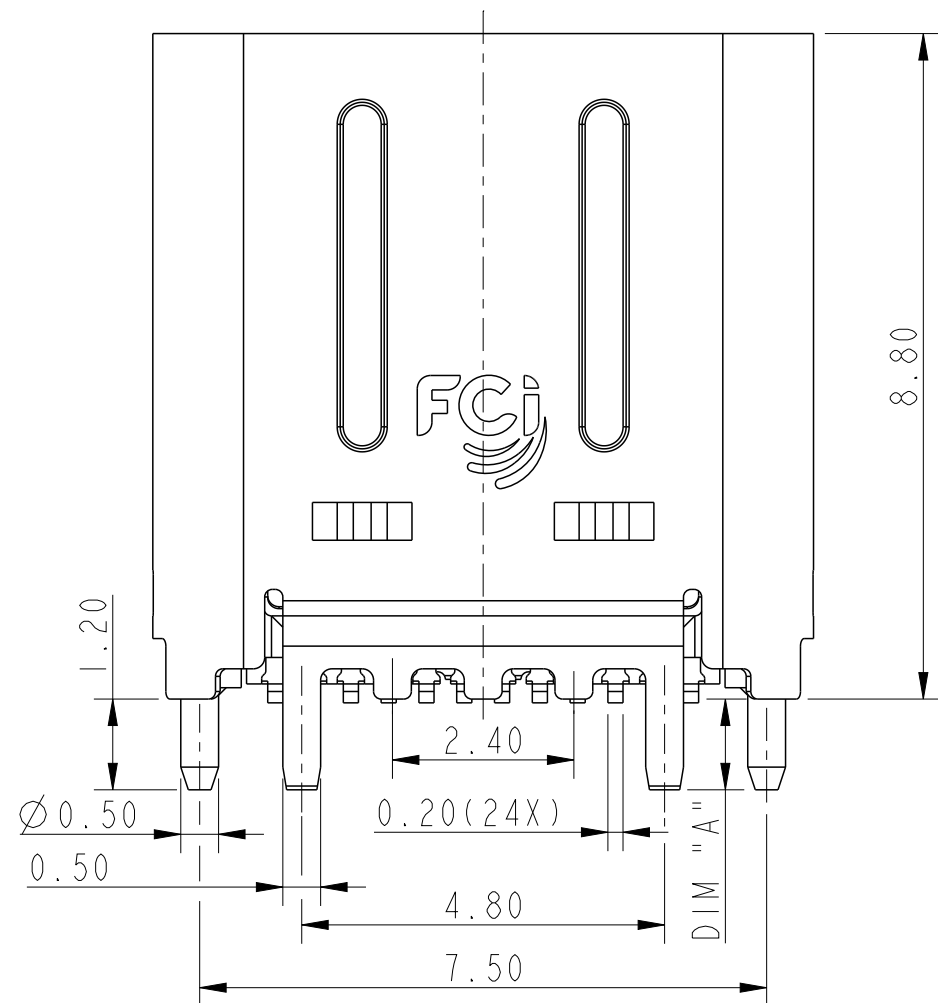
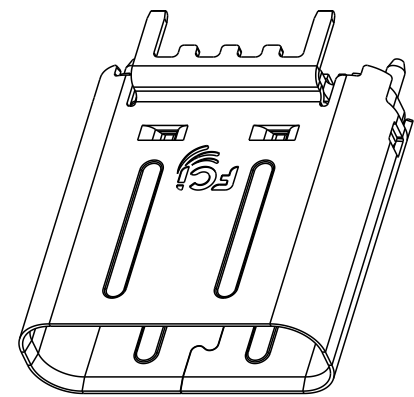
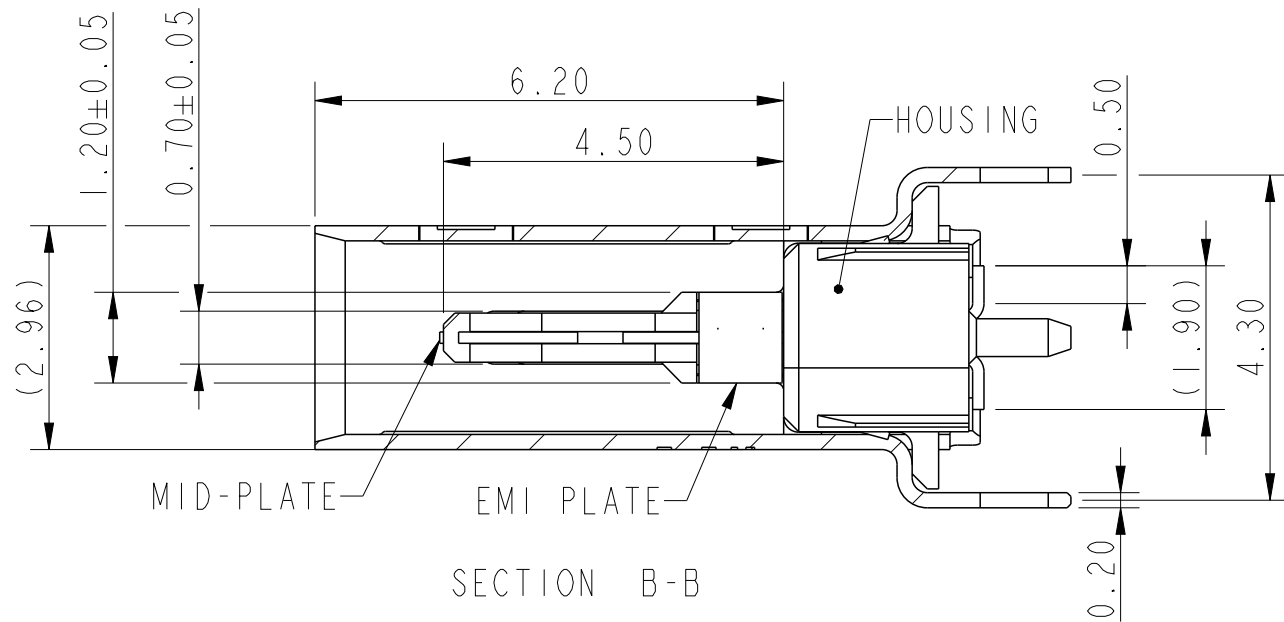
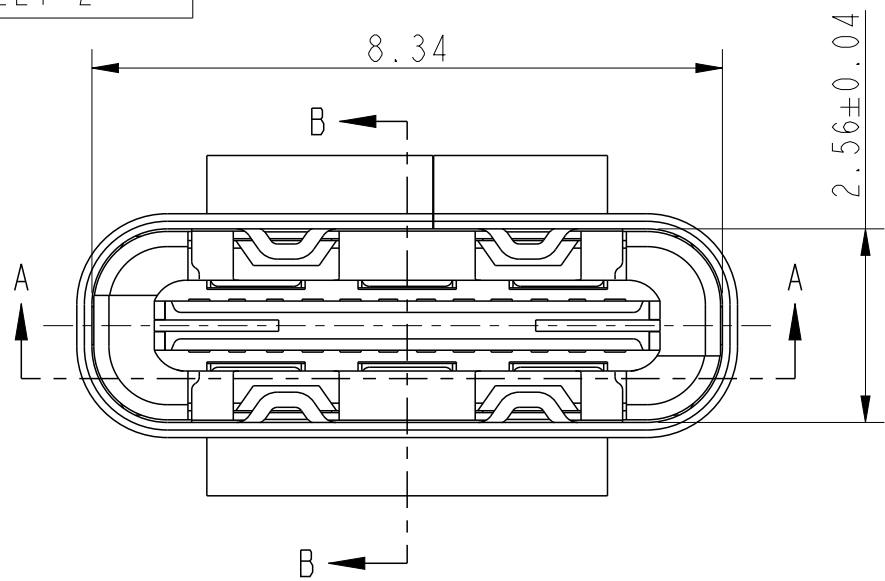


PART MUNBER  
SEE SHEET 2



spec ref -				dr	Li-Qing Lei	2014/11/20	<div>projection</div> <div></div>	<div>mm</div> <div></div>	size	A3	scale	10:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Li-Qing Lei	2020/07/24			ecn no ELX-N-37761-1			
				chr	-	-			rel level Released			
				appr	Tim Yao	2020/07/29			product family -			
<div>surface</div> <div>ISO 1302</div> <div></div>	linear	0.X	±0.25	<div>Amphenol</div> <div>FCI</div>	title USB3.1 Type-C Vertical, Receptacle				dwg no	10132328		rev B
		0.XX	±0.15									
		0.XXX	±0.10									
	angular	0°	±2°		cat. no. -		Product - Customer Drw				sheet 1 of 3	

NOTE:

1. MATERIAL:

- 1.1 HSG: THERMOPLASTIC, BLACK, UL94-V0
- 1.2 TERMINAL: COPPER ALLOY
- 1.3 EMI PLATE: STAINLESS STEEL
- 1.4 MID PLATE: STAINLESS STEEL
- 1.5 SHIELD: STAINLESS STEEL

2. PLATING:

- 2.1 TERMINAL: (Min) 0.05  $\mu$ m Au + (Min) 0.75  $\mu$ m Ni-Pd ON CONTACT AREA
- 2.2 SHELL: PLATING 0.74 $\mu$ m MIN Ni OVER AREA.
- 2.3 EMI: PLATING 0.74 $\mu$ m MIN Ni OVER AREA.
- 2.4 CENTER PLATE: PLATING 0.74 MIN Ni OVER AREA.

3. MECHANICAL CHARACTER:

- 3.1 INSERTION FORCE: 5~20N;
- 3.2 EXTRACTION FORCE: 8~20N INITIAL, 6~20N AFTER DURABILITY;
- 3.3 DURABILITY: 10,000 CYCLES;
- 3.4 OPERATION TEMPERATURE: -55°C TO +85°C

4. ELECTRICAL CHARACTER:

- 4.1 LLCR: 40m $\Omega$  INITIAL, 50m $\Omega$  MAX AFTER ENVIRONMENT TEST;
- 4.2 INSULATION RESISTANCE: 100M $\Omega$  MIN AT 250V DC.
- 4.3 DIELECTRIC WITHSTAND VOLTAGE: 100VAC MIN.

5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW;

6. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008

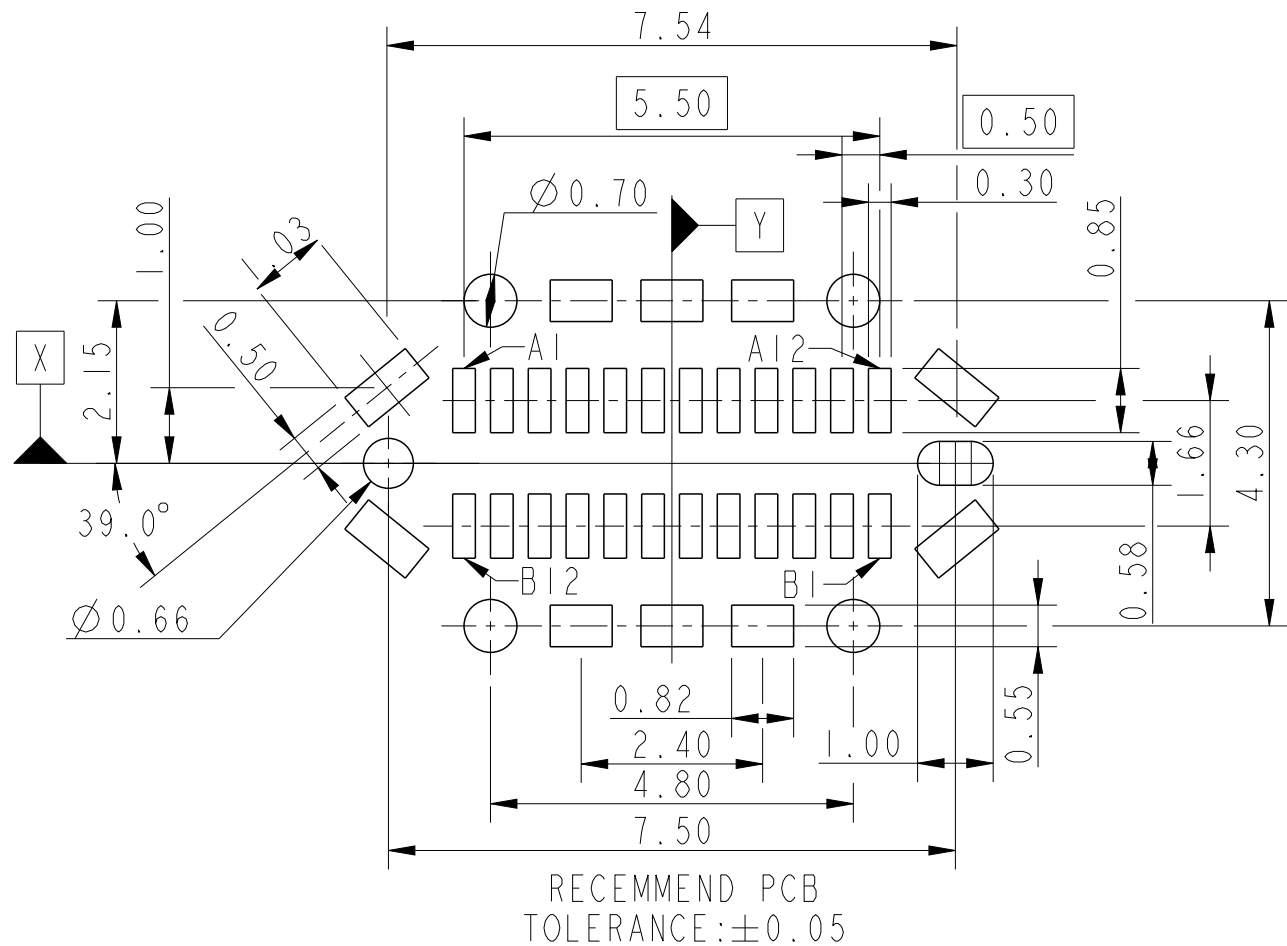
7. PRODUCT SPEC: GS-12-1351 FOR GENERAL CUSTOMER  
GS-12-1299 FOR DEDICATED CUSTOMER

8. SOLDER TAILL TO BE COPLANAR WITHIN 0.10 TO EACH OTHER  
PRODUCT NUMBER CODE:  
10132328-100XXLF

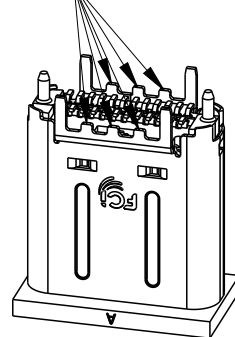
- THE LENGTH OF SHELL'S LEG OPTION
1. DIM"A"=1.2 WITH 6 SMT TAILS IN THE MIDDLE
  2. DIM"A"=1.6 WITH 6 SMT TAILS IN THE MIDDLE
  3. DIM"A"=1.2 WITHOUT 6 SMT TAILS IN THE MIDDLE
  4. DIM"A"=1.6 WITHOUT 6 SMT TAILS IN THE MIDDLE

- GROUND PIN STATUS (A1/A12/B1/B12)
0. SEPARATED
  1. CONNECTED

AVAILABLE P/N:
10132328-10001LF
10132328-10011LF
10132328-10013LF



6 SMT TAILS



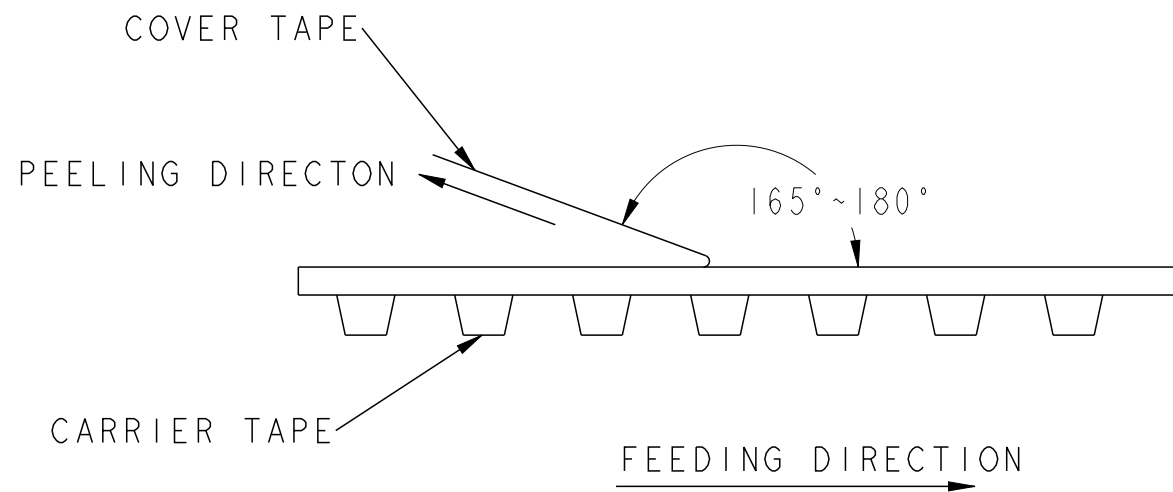
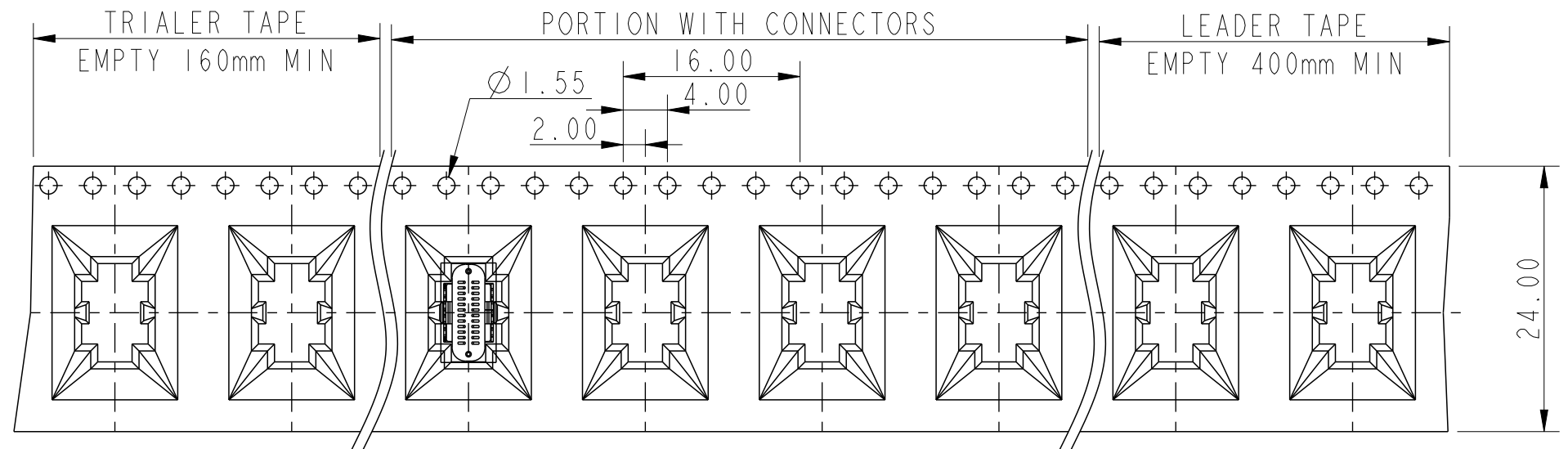
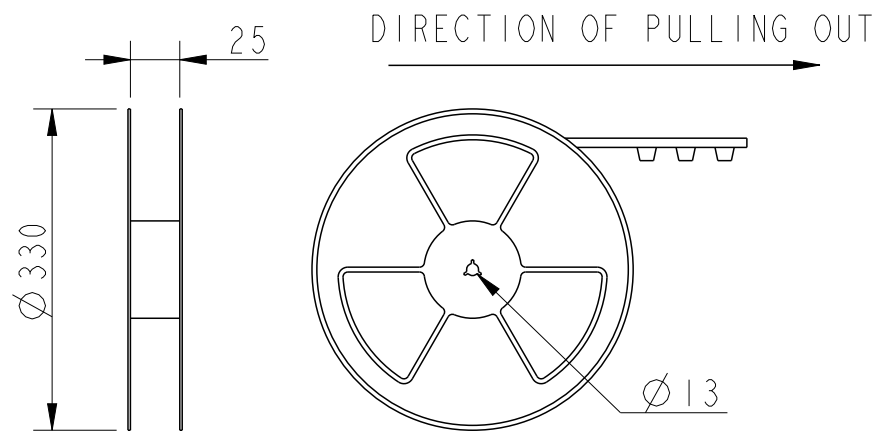
PIN ASSIGNMENTS

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

NOTE: TX AND RX ARE DEFINED FORM THE HOST PERSPECTIVE

spec ref	-	dr	Li-Qing Lei	2014/11/20	projection	mm	size	A3	scale	10:1
tolerance std	ISO 406 ISO 1101	eng	Li-Qing Lei	2020/07/24	chr	-	ecn no	ELX-N-37761-1	rel level	Released
surface	linear	appr	Tim Yao	2020/07/29	product family	USB3.1 Type-C	dwg no	10132328	rev	B
ISO 1302	angular					Vertical, Receptacle				
						cat. no.	Product - Customer Drw	sheet 2 of 3		

TAPE REEL PACKAGE  
Q'TY: (350)EA/REEL



SHOWS THE METHOD OF COVER TAPE'S PEELING FORCE MEASURMENT.  
PEELING FORCE MUST BE 0.1 TO 1.3N AT THE SPEED OF 300MM/MIN.

spec ref	-	dr	Li-Qing Lei	2014/11/20	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Li-Qing Lei	2020/07/24	chr	-	ecn no	ELX-N-37761-1	rel level	Released
surface	ISO 1302	appr	Tim Yao	2020/07/29	product family	USB3.1 Type-C Vertical, Receptacle	dwg no	10132328	rev	B
					cat. no.	Product - Customer Drw	sheet 3 of 3			