

REV.	ECN NUMBER	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
A	PDR19121	NEW RELEASE	09/05/19	ADDY	SEAN	SEAN

NOTES:  
 1: MATERIAL  
 1.1 HOUSING: LCP UL94 V-0, COLOR: BLACK  
 1.2 CONTACT: CS240  
 1.3 HOLD DOWN: C7035  
 1.4 MIDDLE PLATE: C5191  
 2: FINISH:  
 2.1 CONTACT: 4u" Min GOLD PLATING ON CONTACT AREA  
 3-8u" GOLD PLATING ON SOLDER AREA  
 80-150u" Ni UNDERPLATING OVER ALL

- 3: SPECIFICATION:  
 3.1 Voltage Rating: 60V AC/DC  
 3.2 Rated current: For signal pin 0.3 AMPS/Pin  
 For power pin 5 AMPS / Pin  
 3.3 Temperature Range: -40°C to +85°C  
 3.4 Contact Resistance:  
 Signal pin: Initial: 50mΩ MAX  
 AFTER TEST: 220mΩ  
 Power pin: Initial: 15mΩ MAX  
 AFTER TEST: 15mΩ MAX  
 3.5 Insulation Resistance  
 Initial: 1000 Ma Minimum.  
 After test: 1000 Ma Minimum.  
 3.6 Dielectric Withstanding Voltage  
 NO EVIDENCE OF BREAKDOWN IN AC 250 V, 1 MINUTE  
 3.7 MATING-UNMATING FORCE:  
 MATING FORCE:  
 Before and after durability: 40N MAX  
 UNMATING FORCE:  
 16 and 24pin:  
 Before durability: 0.4N/Pin MIN  
 After durability: 0.35N/Pin MIN  
 50pin:  
 Before durability: 0.35N/Pin MIN  
 After durability: 0.30N/Pin MIN  
 Durability: 30 times  
 3.8 SALT WATER SPRAY: TEMPERATURE 35±2°C  
 STORAGE TEMPERATURE RANGE -40°C to +85°C,  
 0 to 90% RH (Relative humidity).  
 DURATION: 48±2 HOUR  
 DENSITY OF SALT WATER 5±1%

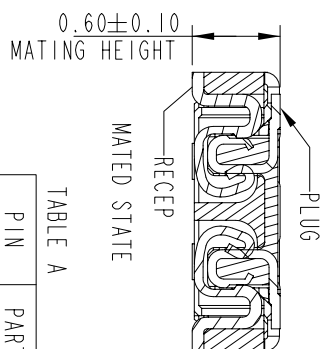
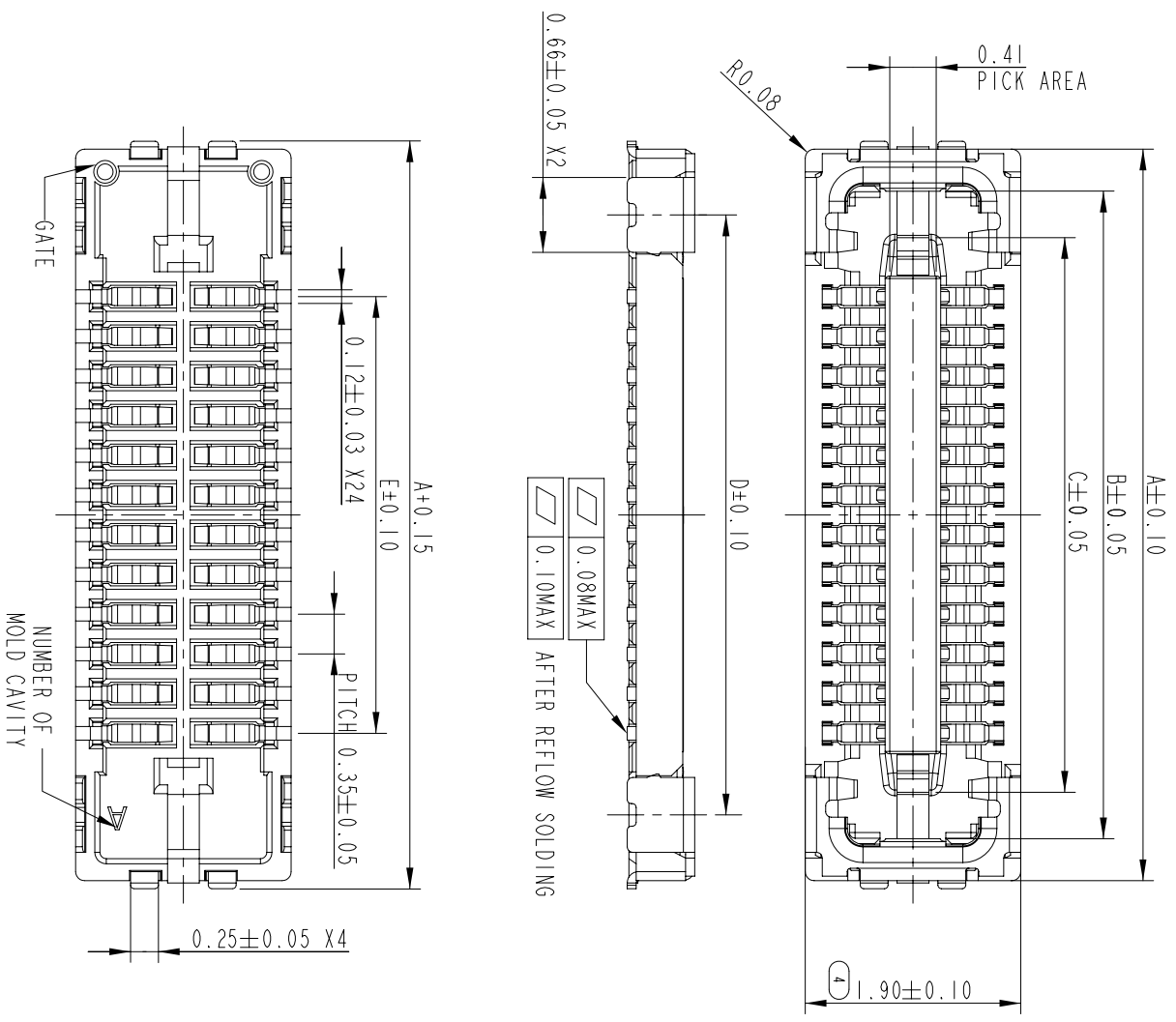


TABLE A

PIN	PART NO.	A	B	C	D	E
16+2	818016602	5.05	4.32	3.49	3.89	2.45
24+2	818015986	6.45	5.72	4.89	5.29	3.85
50+2	818016772	11.00	10.27	9.44	9.84	8.40



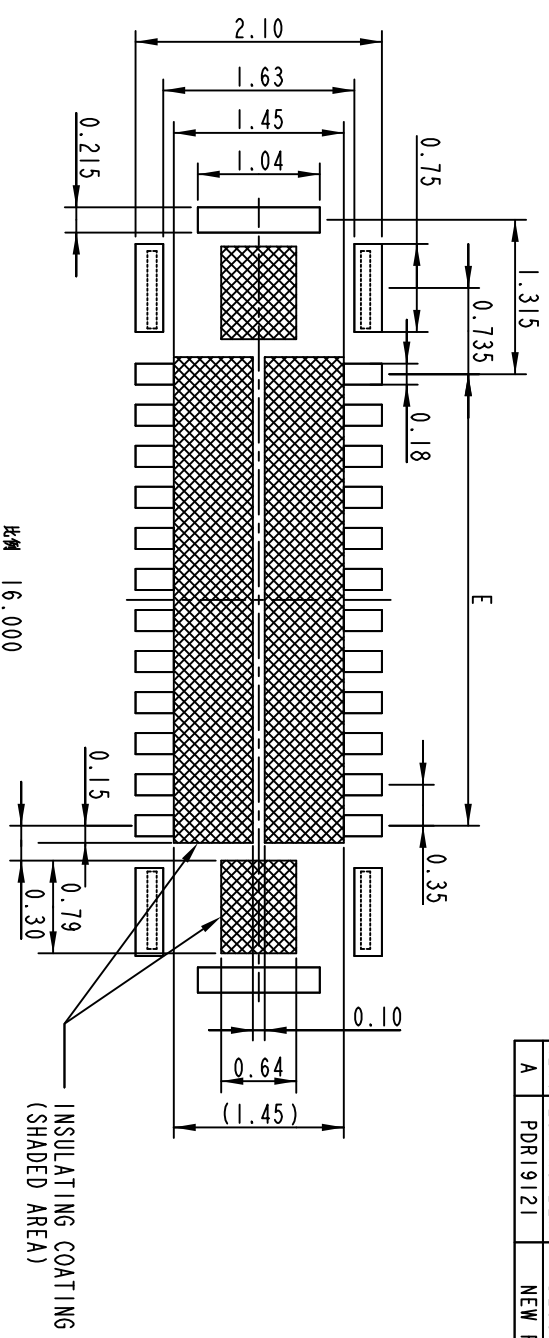
GENERAL TOLERANCE  
 SCALE: 16.00  
 UNIT: MM  
 SIZE: A4  
 NUMBER OF MOLD CAVITY



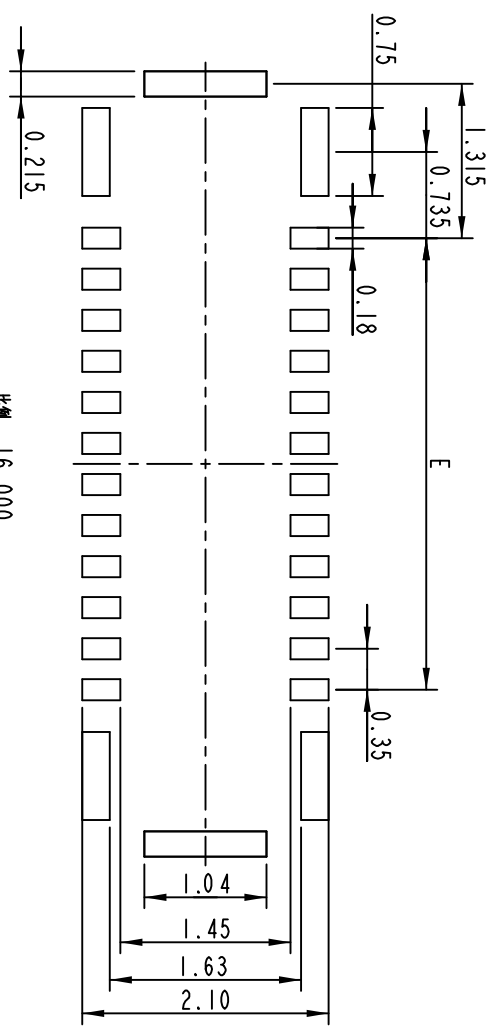
GENERAL TOLERANCE	SCALE:	DRAWN	DATE	DWG. NO.	TITLE	REV.
X. ±0.40 .X ±0.25 .XX ±0.15 .XXX ±0.10	16.00	ADDY MA	05 Sept-19	600-15986-01	CUSTOMER DRAWING	A
X. ° ±3.0° .X ° ±2.0° .XX ° ±1.0°		CHECK SEAN ZHANG	05 Sept-19		BTB CONN P0.35 H0.60 RECEP	A
		APPROVE SEAN ZHANG	05 Sept-19		SEE TABLE A	1 / 3

PARTS NO. (INTENDED USE)	SEE TABLE A	SHEET
		1 / 3

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RECOMMENDED PCB LAYOUT  
DIMENSIONAL TOLERANCE: ±0.03



RECOMMEND METAL MASK DIMENSION: 1:1  
DIMENSIONAL TOLERANCE: ±0.03

- NOTES:
- : PAD AREA
  - : VIA AND TRACE KEEPOUT AREA
  - : OTHER COMPONENT KEEPOUT AREA
  - : ENTITY PIN AREA

4 3 2 1 A B C D E F



GENERAL TOLERANCE		SCALE:		DRAWN		DATE		DWG. NO.		TITLE		REV.
X. ±0.40	X. ° ±3.0°	8.000		ADDY	MA	05 Sept-19		600-15986-01		CUSTOMER DRAWING		A
.X ±0.25	.X° ±2.0°	UNIT: MM		CHECK	ZHANG	05 Sept-19		PARTS NO. (INTENDED USE)		BTB CONN P0.35 H0.60 RECEP		SHEET
.XX ±0.15	.X° ±1.0°	SIZE: A4		APPROVE	ZHANG	05 Sept-19		SEE TABLE A				2 / 3
.XXX ±0.10	.XX° ±1.0°			SEAN	ZHANG							

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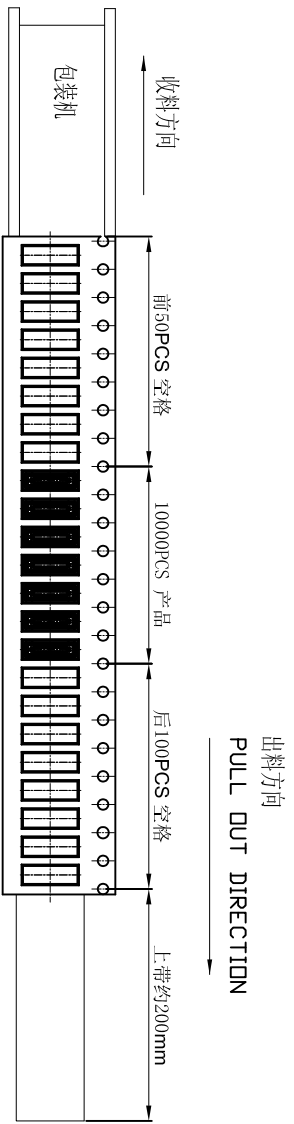
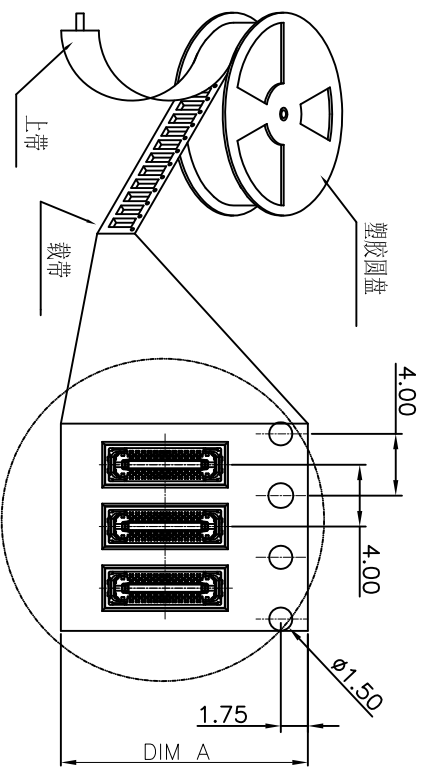
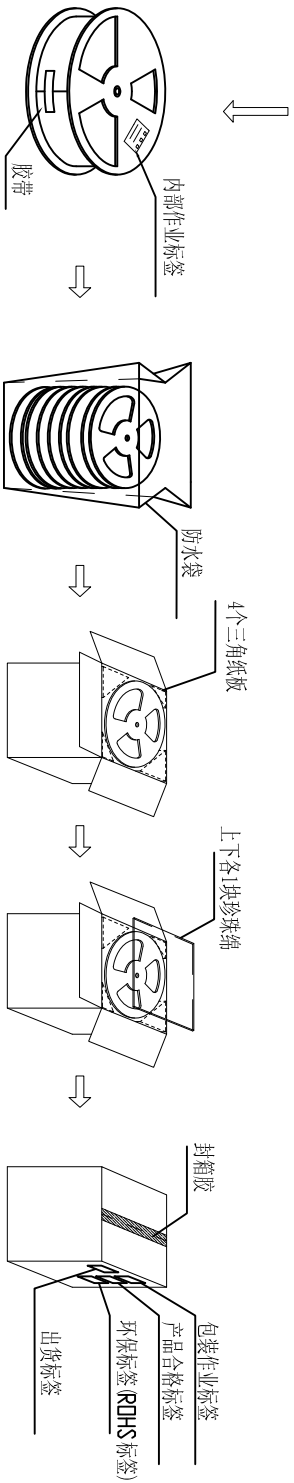


TABLE B

PM NO.	产品料号	载带料号	载带宽度 DIM A	塑胶圆盘	上带	PCS/盘	盘/外箱	PCS/外箱
50	818016772	7316772001	24.0	604050030	840000303	10000	10	100000
24	818015986	7315986001	16.0	604050030	840000302	10000	14	140000
16	818016602	7316602001	16.0	604050030	840000302	10000	14	140000



- 管制重点:
1. 包装时产品轻拿轻放, 避免产品变形.
  2. 整盘包装好后, 检查是否有漏装, 产品的放置方向是否正确.
  3. 包装载带断裂时不可用人工连接.
  4. 检查是否有产品被压死, 检查整盘层数是否正确.
  5. 若有未装满之零数箱, 须以缓冲物塞满.
  6. 防水袋封口须密封.
  7. 整箱封好后, 检查标签是否贴好, 干净, 字迹清晰, 标签内容是否正确, 完善.
  8. 外纸箱: (840000602) 内尺寸: 340\*W340\*H315mm

4 3 2 1

	GENERAL TOLERANCE		SCALE: 10.000		DRAWN ADDY MA		DATE 05 Sept-19		DWG. NO. 600-15986-01		TITLE		REV. A
	>30-60±0.15	X.° ±3.0°	UNIT: mm	CHECK SEAN ZHANG	DATE 05 Sept-19	APPROVE SEAN ZHANG	DATE 05 Sept-19	PARTS NO. (INTENDED USE) SEE TABLE B		CUSTOMER DRAWING BTB CONN P0.35 H0.60 RECEP		SHEET 3 / 3	
>15-30±0.10	.X° ±2.0°	SIZE: A4											
>6-15±0.08	.XX° ±1.0°												
>0-6±0.05													

A B C D E F