

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

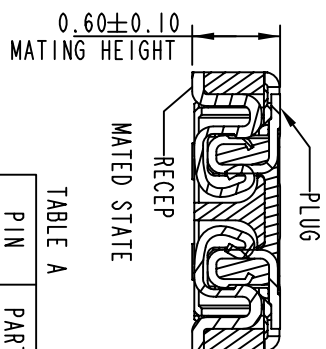
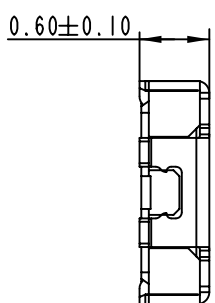
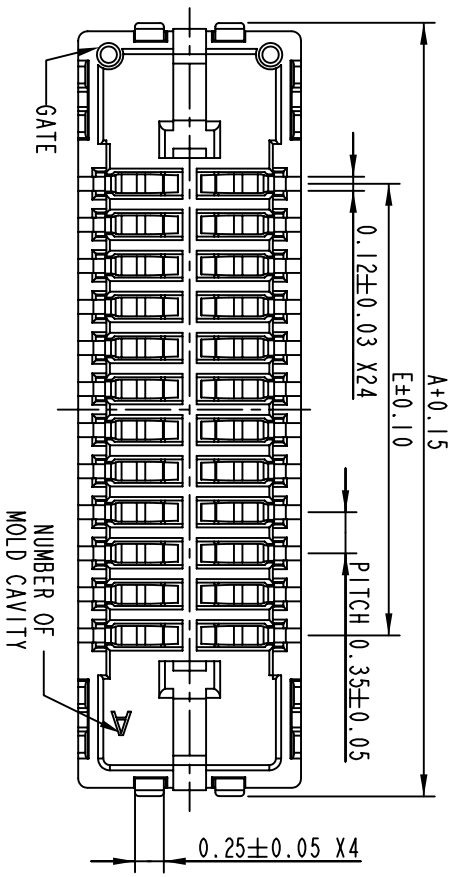
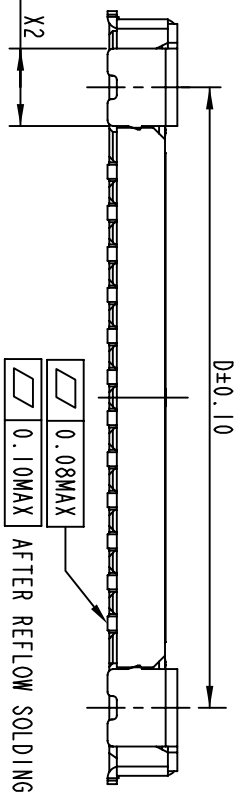
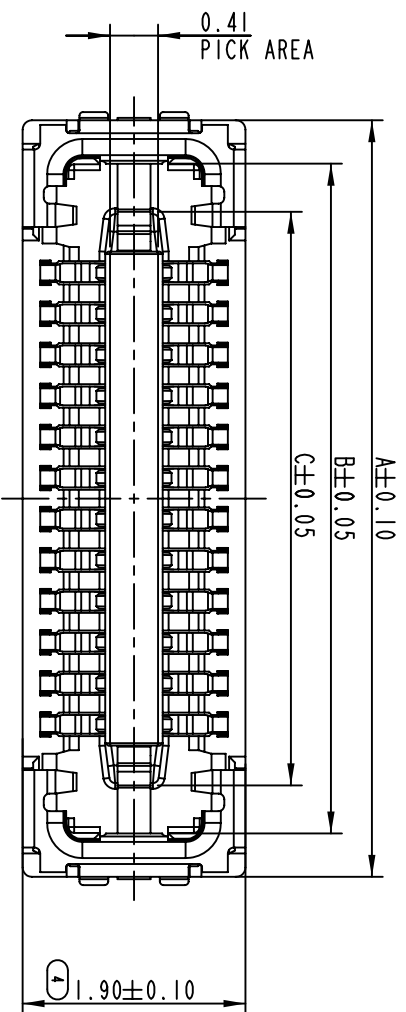


TABLE A

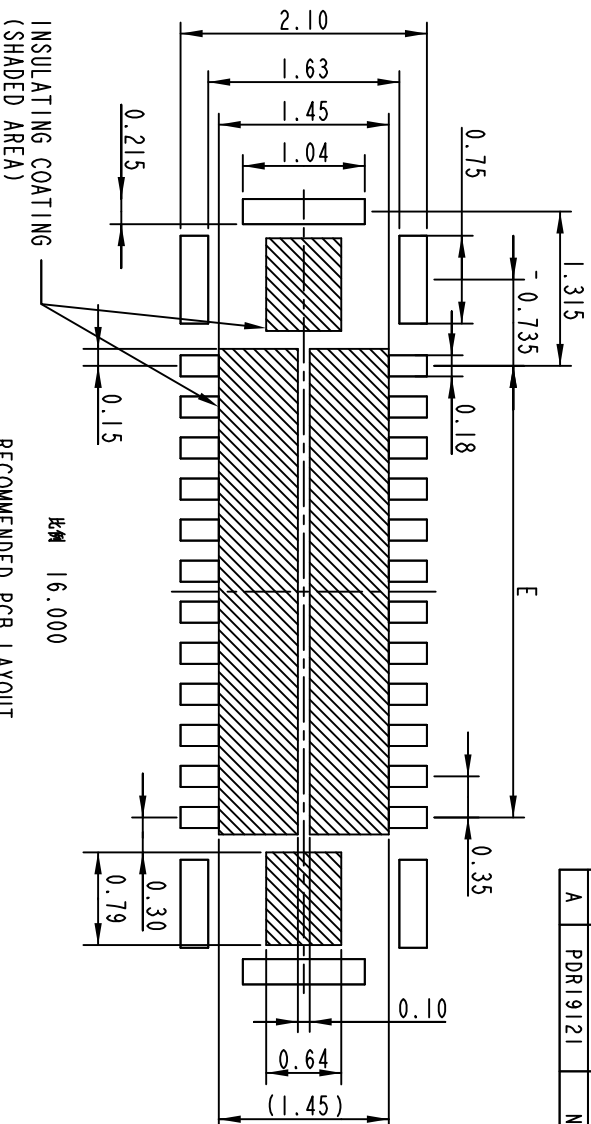
PIN	PART NO.	A	B	C	D	E
16+2	818016602	5.05	4.32	3.49	3.89	2.45
24+2	818015986	6.45	5.72	4.89	5.29	3.85
50+2	818016772	11.00	10.27	9.44	9.84	8.40

- NOTES:
- 1: MATERIAL
- 1.1 HOUSING: LCP S475, UL94 V-0, COLOR: BLACK
- 1.2 CONTACT: C5240R-SH
- 1.3 HOLD DOWN: C7035 TM06
- 1.4 MIDDLE PLATE: C5191R-H
- 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: 420mΩ MAX
- Power pin: Initial: 15mΩ MAX
- AFTER TEST: 15mΩ MAX
- 3.5 Insulation Resistance
- Initial: 1000 MΩ Minimum.
- After test: 1000 MΩ Minimum.
- 3.6 Dielectric Withstanding Voltage
- NO EVIDENCE OF BREAKDOWN IN AC 250 V, 1 MINUTE
- 3.7 MATING-UNMATING FORCE:
- MATING FORCE: 1 CYCLE: 40N MAX
- 30 CYCLE: 40N MAX
- UNMATING FORCE: 1 CYCLE: 0.4N/PIN
- 30 CYCLE: 0.35N/PIN
- 3.8 SALT WATER SPRAY: TEMPERATURE 35±2°C
- DENSITY OF SALT WATER 5±1%
- DURATION: 48±2 HOUR
- Storage Temperature Range -40° C to +85° C,
- 0 to 90 % RH (Relative humidity).

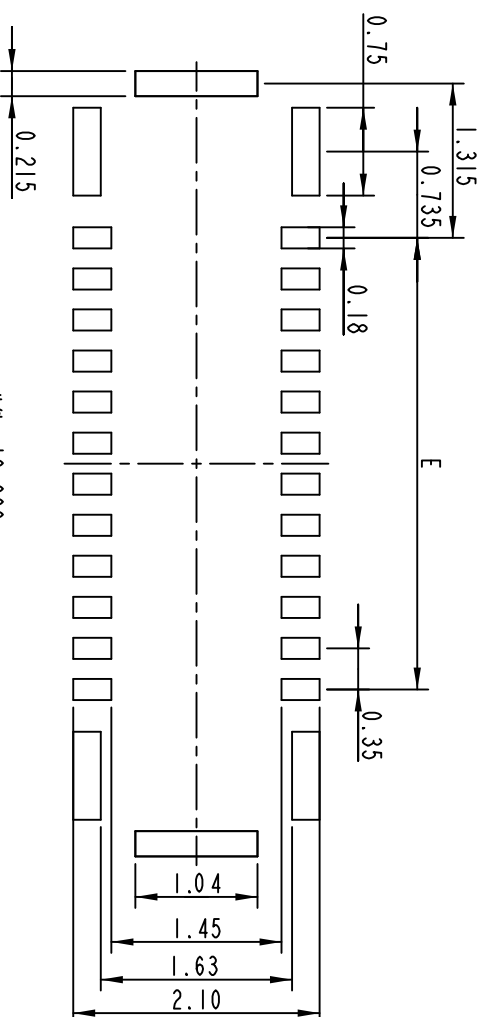


GENERAL TOLERANCE		SCALE: 16.00		DRAWN: ADDY MA		DATE: 05 Sept-19		DWG. NO. 600-15986-01		TITLE: CUSTOMER DRAWING		REV. A	
X. ±0.40		X. ° ±3.0°		CHECK SEAN ZHANG		DATE: 05 Sept-19		PARTS NO. (INTENDED USE)		BTB CONN P0.35 H0.60 RECEPT		SHEET 1 / 3	
.XX ±0.15		.X° ±2.0°		APPROVE SEAN ZHANG		DATE: 05 Sept-19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

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RECOMMENDED PCB LAYOUT
DIMENSIONAL TOLERANCE: ± 0.03



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

4

4

3

3

2

2

1

1

A

B

C

D

E

F



ELECTRIC
CONNECTOR
TECHNOLOGY

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

A

B

C

D

E

F