

REV.	ECN NUMBER	DESCRIPTION	DATE	DRAWN	CHECKD	APPROVED
A	PDR19121	NEW RELEASE	09/05/19'	ADDY	SEAN	SEAN
B	ECN211296	B号尺寸变更	05/20/21'	ROC	SEAN	SEAN
C	ECN223028	产品配高描述变更	07/18/22'	ROC	SEAN	SEAN
D	ECN250056	DATE CODE由4码改为5码	12/04/24'	HFX	SEAN	SEAN

NOTES:

1: MATERIAL

- 1.1 HOUSING: LCP, UL94 V-0, COLOR: BLACK
- 1.2 CONTACT: C5191
- 1.3 HOLD DOWN: C7025

2: FINISH:

- 2.1 CONTACT: 4u" Min GOLD PLATING ON CONTACT AREA
3~8u" GOLD PLATING ON SOLDER AREA
80~300u" NI UNDERPLATING OVER ALL

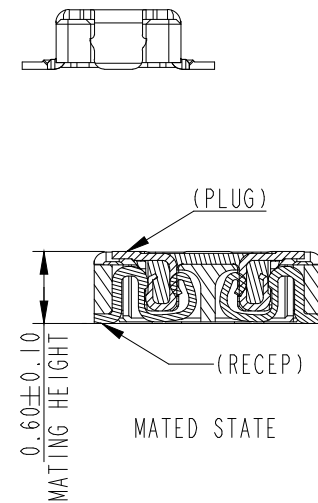
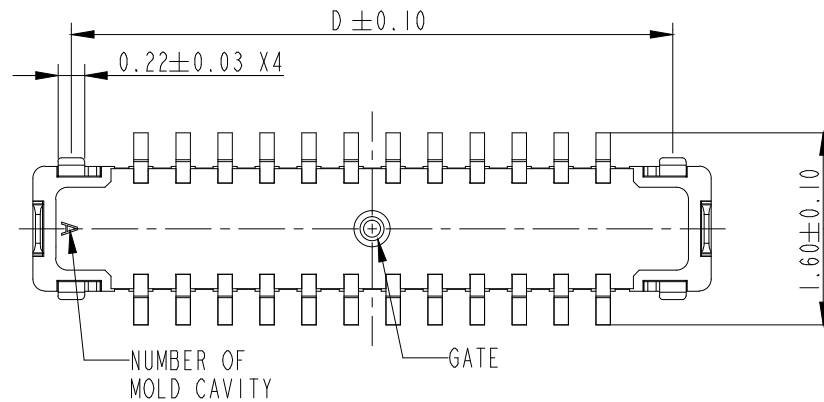
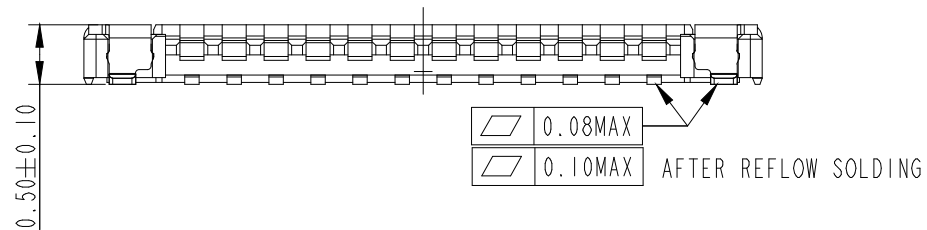
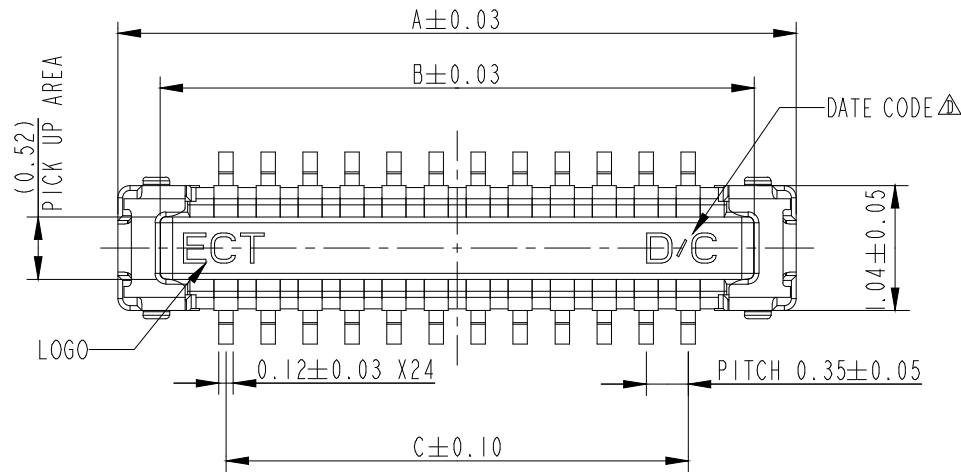
3: SPECIFICATION:

- 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: 20mΩ
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 EVIDANCE 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°C±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).

4. Date code definition:

↑↑↑↑↑
Hour range (0~23=A,B...X,Y,Z), ex: 2=C, 23=Z
Machine number (1#~9#=1~9), ex: 1#=1
Day (01~31=1,2...9,A,B...W), ex: 02=2, 18=J
Month (1~12=1,2...9,A,B,C), ex: 4月=4, 12月=C
Year (Last number), ex: 2020=0



ELECTRIC
CONNECTOR
TECHNOLOGY

GENERAL TOLERANCE	
X. ±0.40	
.X ±0.25	X.° ±3.0°
.XX ±0.15	.X° ±2.0°
.XXX ±0.10	.XX° ±1.0°

SCALE:

16.00

UNIT:

mm

SIZE:

A4



DRAWN

ROC XU

DATE

05/20/21'

CHECK

SEAN ZHANG

DATE

05/20/21'

APPROVE

SEAN ZHANG

DATE

05/20/21'

DWG. NO.

600-15985-02

PARTS NO. (INTENDED USE)

SEE TABLE A

TITLE

CUSTOMER DRAWING

BTB CONN P0.35 H0.60 PLUG

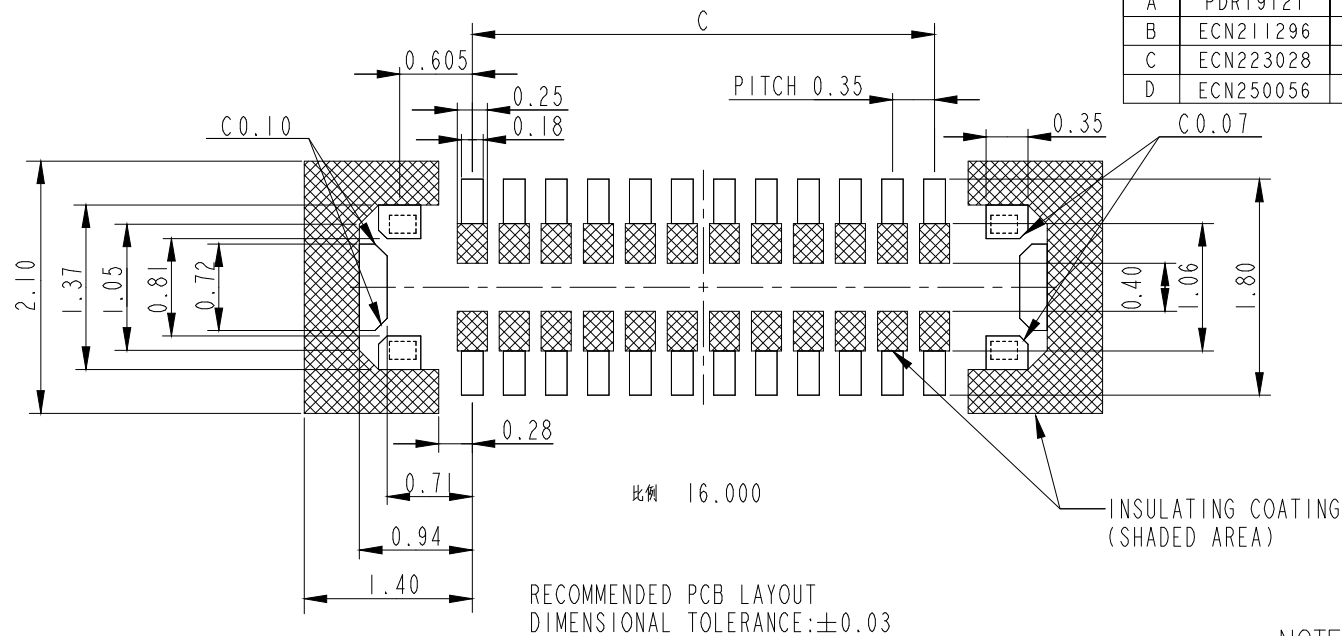
REV.

D

SHEET

1 / 3

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NOTES:

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

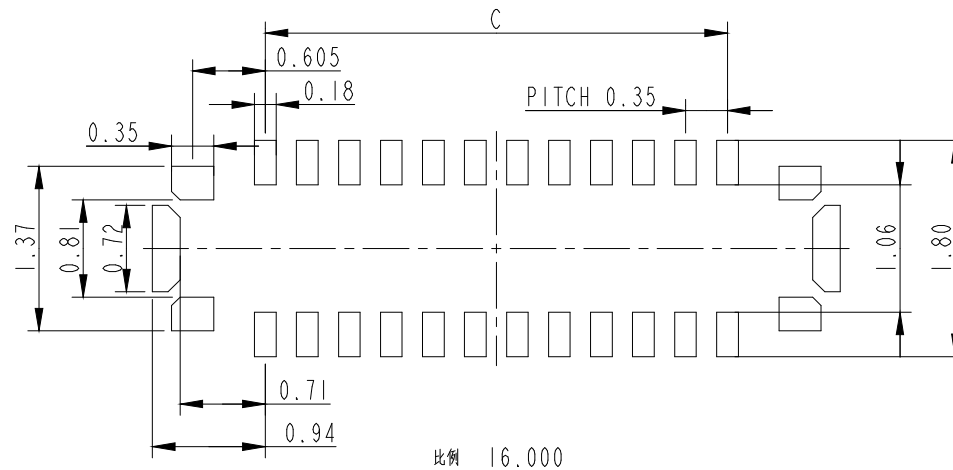


TABLE A

PIN	PART NO.	A	B	C	D
16+2	818016601	4.25	3.55	2.45	3.61
24+2	818015985	5.65	4.95	3.85	5.01
50+2	818016773	10.20	9.50	8.40	9.56



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GENERAL TOLERANCE	
X. ±0.40	
.X ±0.25	X.° ±3.0°
.XX ±0.15	.X° ±2.0°
.XXX ±0.10	.XX° ±1.0°

SCALE:	10.000
UNIT:	mm
SIZE:	A4

DRAWN	ROC XU
CHECK	SEAN ZHANG
APPROVE	SEAN ZHANG

DATE	05/20/21'
DATE	05/20/21'
DATE	05/20/21'

DWG. NO.	600-15985-02
PARTS NO. (INTENDED USE)	SEE TABLE A

TITLE	REV. D
CUSTOMER DRAWING	SHEET 2 / 3
BTB CONN P0.35 H0.60 PLUG	

