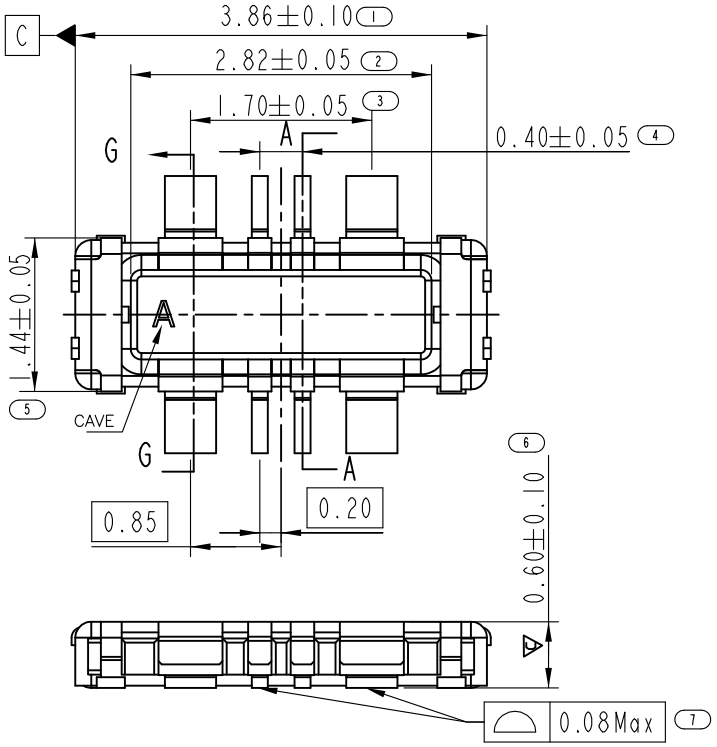
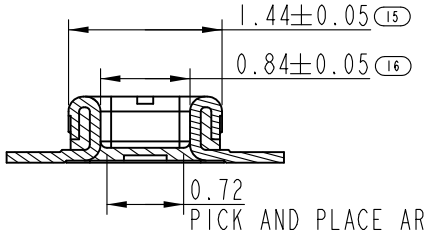
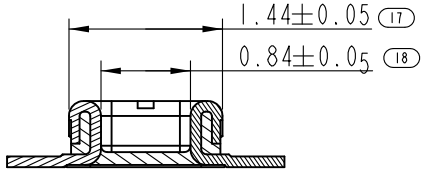
REV.	ECN NUMBER	DESCRIPTION	DATE	DRAWN	CHECKD	APPROVED
A	PDR18251	NEW RELEASE	8-SEP-2019	LIU SHOUPIN	ZHANG SHUNHUA	ZHANG SHUNHUA
B	ECN226104	Modify the rated current by 8 A to 10 A	25-NOV-2022	ADDY	ZHANG SHUNHUA	ZHANG SHUNHUA

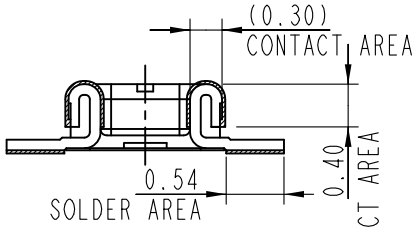


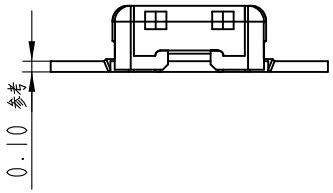


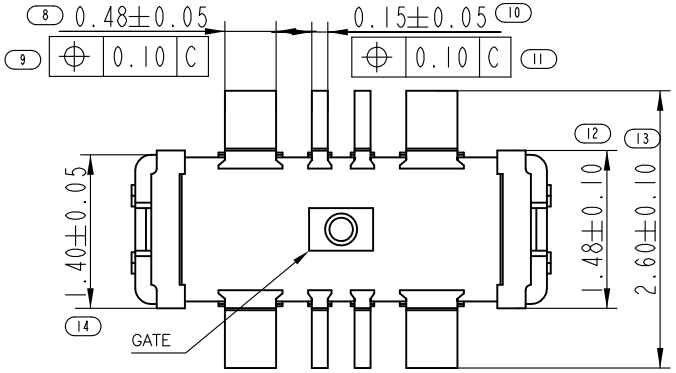
截面 A-A
比例 16.000

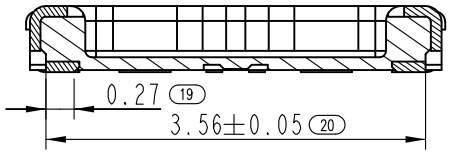


截面 G-G
比例 16.000









截面 D-D
比例 16.000

NOTE:

1.MATERIAL SPECIFICATION:
- 1-1.HOUSING :LCP SV6808,UL94V-0,BLACK.
- 1-2.CONTACTS: C7025 TM03.
- 1-3.SHELL: C7025 TM03.

2.PLATING SPECIFICATION:
- 2-1.CONTACTS:
  - Ni 80~150u". UNDER PLATED OVER ALL.
  - Au4u"MIN PLATED ON THE FUNCTIONAL AREA OF CONTACT.
  - Au3~8u" PLATED ON SOLDER AREA.
- 2-2.SHELL:
  - Ni 80~150u". UNDER PLATED OVER ALL.
  - Au3~8u" PLATED ON SOLDER AREA.

3.SPEC:
- 3-1.VOLTAGE: 30V AC/DC
- 3-2.CURRENT: SIGNAL PIN:0.3A/PIN
  POWER PIN:10A/PIN (B)

4.SALT WATER SPRAY:TEMPERATURE 35°C±2°C
DENSITY OF SALT WATER 5±1%
DURATION:48±2 HOUR

5.ELECTRICAL PERFORMANCE,
- 5-1.CONTACT RESISTANCE: POWER PIN:Max 5 mΩ before and Max. 5 mΩ after test
  SIGNAL PIN:50mΩ MAX.INITIAL
  Δ20mΩ after test
- 5-2.INSULATION RESISTANCE: 1000MΩ MIN
- 5-3.DIELECTRIC WITHSTAND VOLTAGE,AC 150V FOR 1 MINUTE.

6.MECHANICAL PERFORMANCE,
- 6-1.MATING FORCE: 40N MAX
- 6-2.UNMATING: 8N MIN
- 6-3.DURABILITY: 10 CYCLES. 5N MIN

ELECTRIC CONNECTOR TECHNOLOGY

GENERAL TOLERANCE	
>30~60 ±0.15	
>15~30 ±0.10	X.° ±2.0°
>6~15 ±0.08	.X° ±1.0°
>0~6 ±0.05	.XX° ±0.5°

SCALE: 10.000
UNIT: mm
SIZE: A4

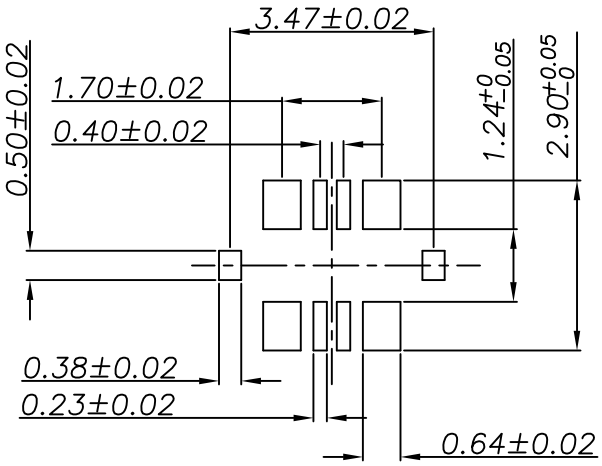
DRAWN	LIU SHOUPIN	DATE 8-SEP-2019
CHECK	ZHANG SHUNHUA	DATE 8-SEP-2019
APPROVE	ZHANG SHUNHUA	DATE 8-SEP-2019

DWG. NO. 600-13039-01
PARTS NO.(INTENDED USE) 818013039

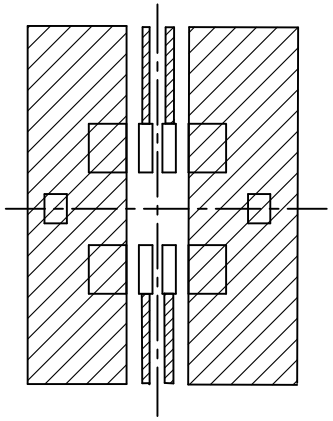
TITLE
CUSTOMER DRAWING
BTB CONN H0.7 8P PLUG

REV. B
SHEET 1/2

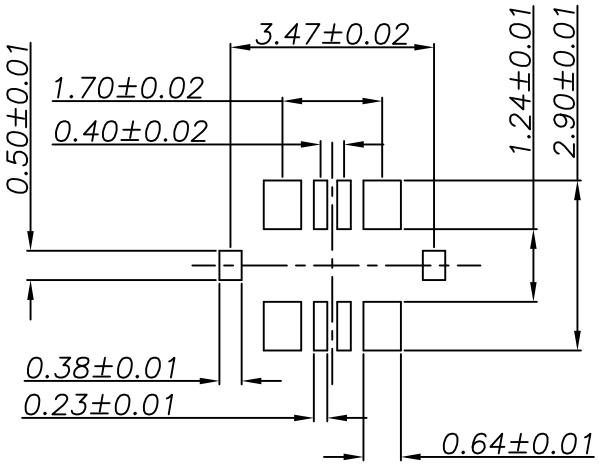
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B	ECN226104	Modify the rated current by 8 A to 10 A	25-NOV-2022	ADDY	ZHANG SHUNHUA	ZHANG SHUNHUA



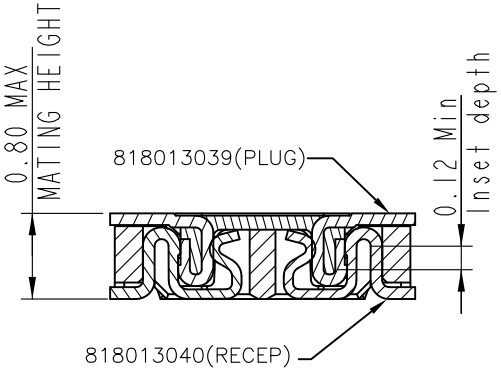
RECOMMEND PCB LAYOUT

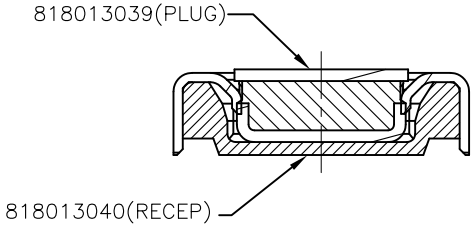


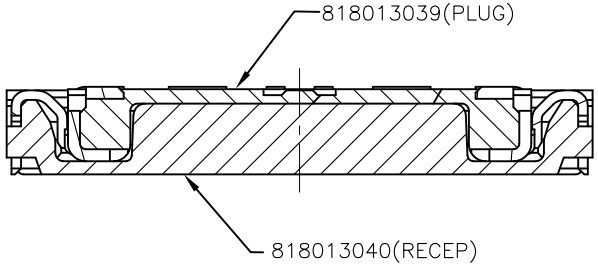
RECOMMEND ELECTRICAL CIRCUIT LAYOUT



RECOMMEND METAL MASK DIMENSIONS
METAL MASK THICKNESS:80um







ELECTRIC CONNECTOR TECHNOLOGY

GENERAL TOLERANCE	
>30~60 ±0.15	
>15~30 ±0.10	X.° ±2.0°
>6~15 ±0.08	.X° ±1.0°
>0~6 ±0.05	.XX° ±0.5°

SCALE: 13.000
UNIT: mm
SIZE: A4

DRAWN	LIU SHOUPIN	DATE 8-SEP-2019
CHECK	ZHANG SHUNHUA	DATE 8-SEP-2019
APPROVE	ZHANG SHUNHUA	DATE 8-SEP-2019

DWG. NO. 600-13039-01

PARTS NO.(INTENDED USE) 818013039

TITLE
CUSTOMER DRAWING
BTB CONN H0.7 8P PLUG

REV. B

SHEET 2/2