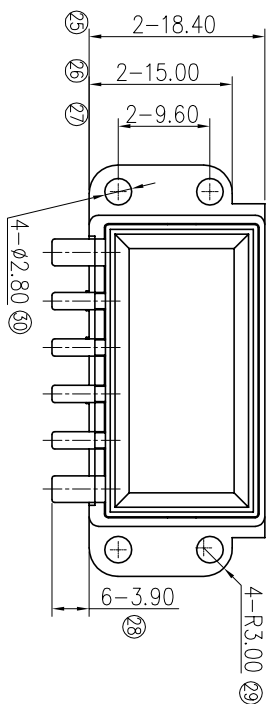
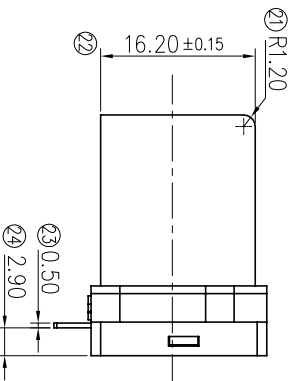
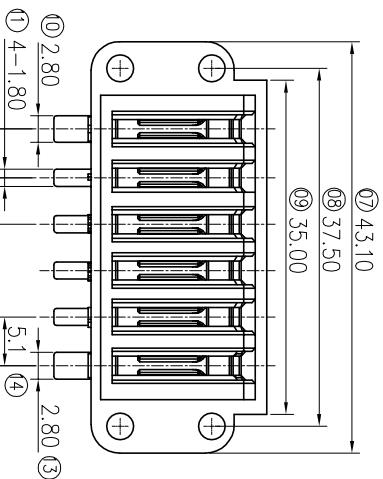
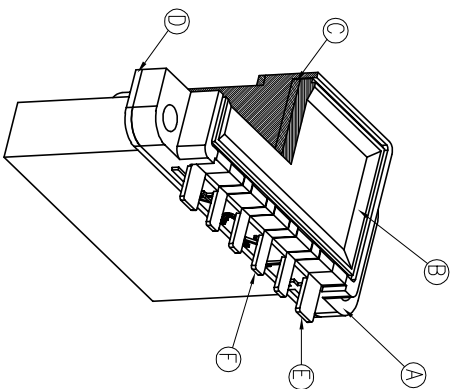
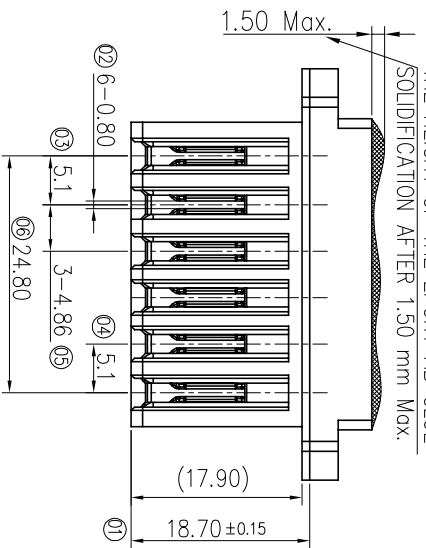
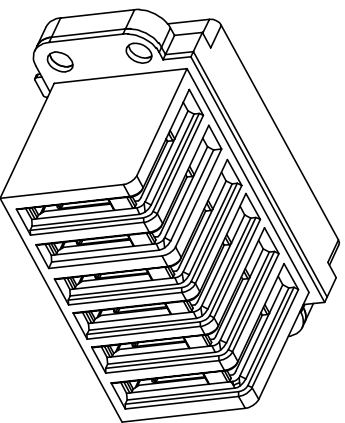
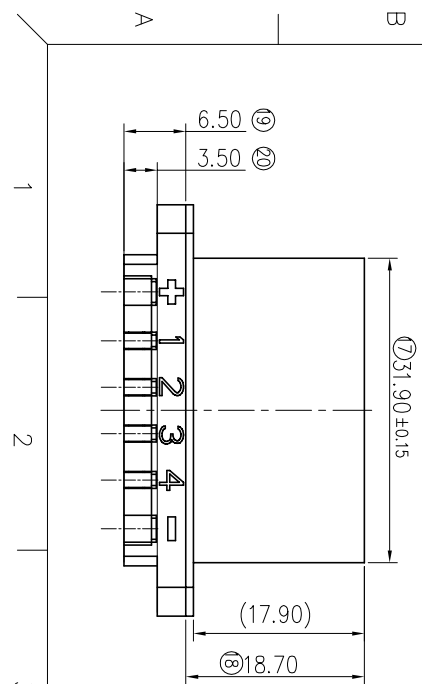


THE HEIGHT OF THE EPOXY AB GLUE  
SOLIDIFICATION AFTER 1.50 mm Max.



- SPECIFICATIONS:
1. ELECTRICAL CHARACTERISTICS:
- 1-1. RATING CURRENT: 30A
  - 1-2. RATING VOLTAGE: 30V DC  $\Delta$
  - 1-3. CONTACT RESISTANCE: 30m $\Omega$ (INITIAL), 50m $\Omega$ (AFTER LIFE TEST)
  - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC FOR ONE MINUTE.
  - 1-5. INSULATION RESISTANCE: 1,000M $\Omega$  MIN. AT 500 VDC
2. MECHANICAL CHARACTERISTICS:
- 2-1. INSERTION FORCE: 6N~60N.
  - 2-2. WITHDRAWAL FORCE: 6N~60N.
  - 2-3. LIFE TEST: 5,000 CYCLES.
3. ENVIRONMENTAL CHARACTERISTICS:
- 3-1. OPERATING TEMPERATURE: -30°C~+80°C
  - 3-2. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - 3-3. ROHS COMPLIANT PRODUCT.
  - 3-4. HALOGEN FREE PRODUCT IDENTIFICATION MARK:  $\odot$
  - 3-5. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:  $\triangle$
  - 3-6. THE ORIGINAL CUSTOMER USES A TEMPERATURE RISE OF 55°C  $\triangle$
4. OTHER GENERAL SPEC. TO REFER "2BA205X SERIES SPEC"
5. FAI NO. MARK:  $\text{\textcircled{A}}$
6. PACKAGING: TRAY.



NO.	DESCRIPTION	QTY.	MATERIAL	PLATING & COLOR
A	BODY	1	PBT+15%GF, UL94 V-0	BLACK
B	COVER	1	PBT+15%GF, UL94 V-0	BLACK
C	GASKET-A	1	SILICONE 50P	RED
D	GASKET-B	1	SILICONE 50P	RED
E	TERMINAL-A	2	BRASS 0.5T	NICKEL PLATING
F	TERMINAL-B	4	BRASS 0.5T	

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.  
信音企業股份有限公司

DECIMALS: ANGLES:

X : ±1.00 X : ±2°

XX : ±0.50 X.X : ±1°

X.XX : ±0.30

X.XXX : ±0.20

TITLE: BATTERY FEMALE CONNECTOR

DWN: Ziwei.Wu PART NO.: 2BA2051-W06M00F

CHKD: Qicai.Hu SCALE: FREE UNIT: mm

APVD: Jim-deng SIZE: A3 SHEET: 10F1 REV: B

CUSTOMER COPY

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A		PRODUCT RELEASE	Junkang	2018.11.05
B	ECN NO.:C2022203-R02		Zwei.Wu	2022.05.11