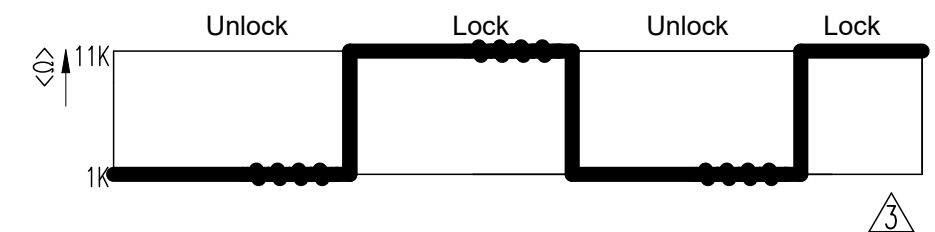
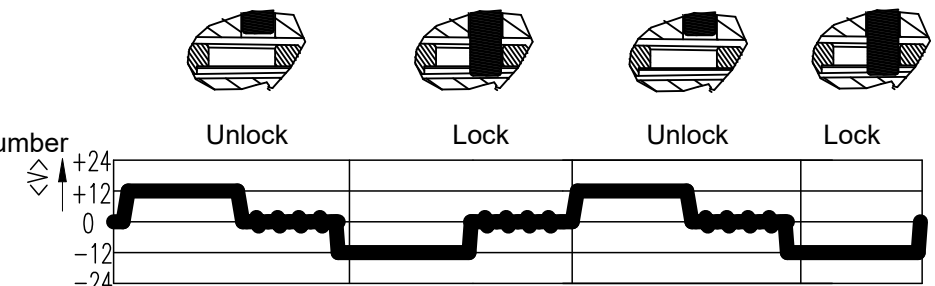
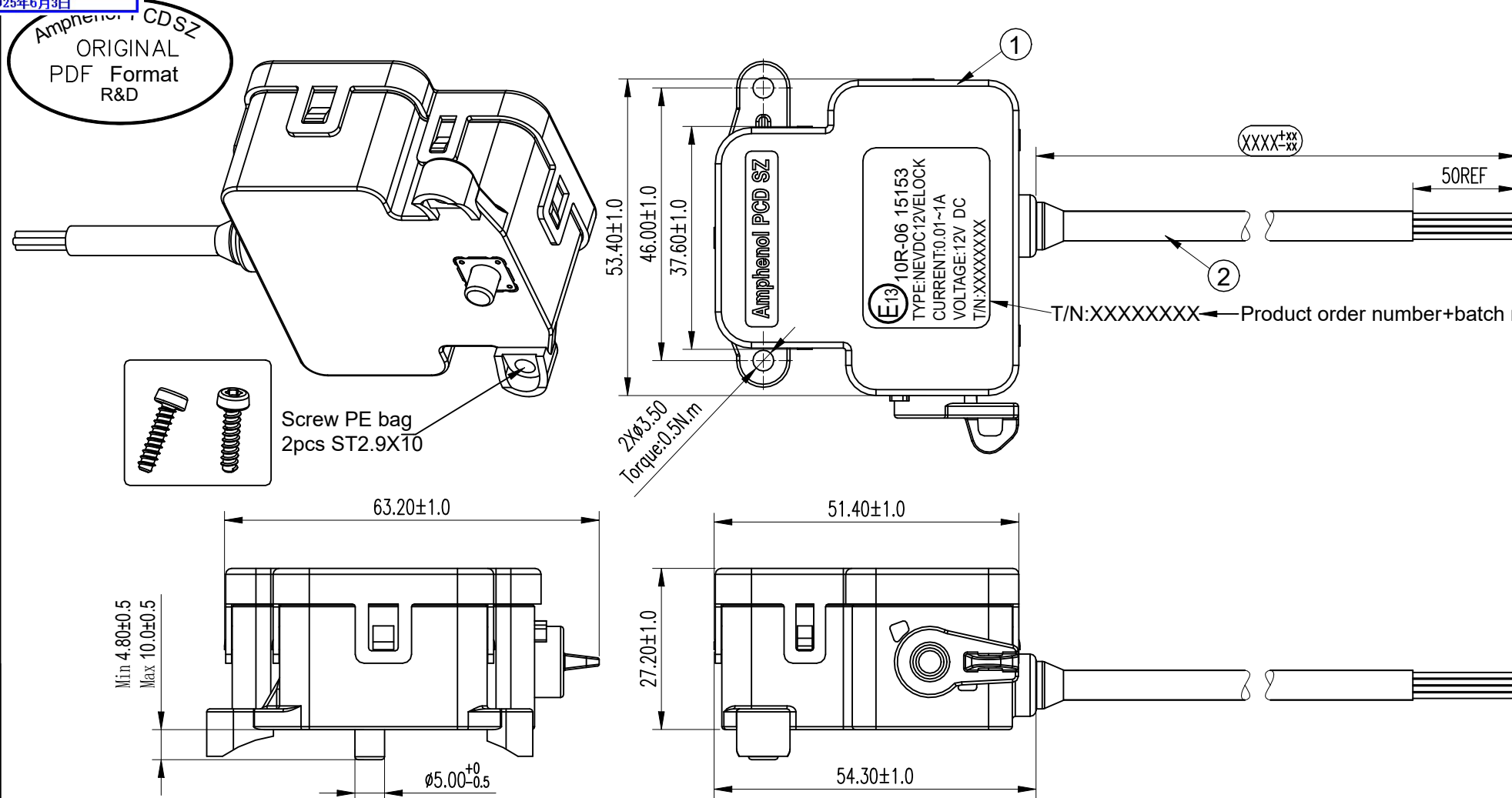


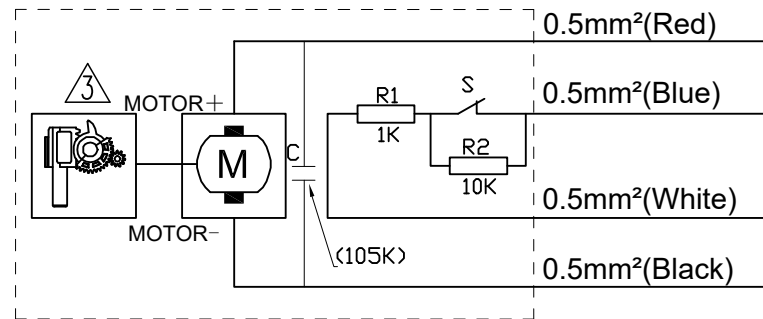
| REV | ECN    | DESCRIPTION                     | DATE        | MODIFIED |
|-----|--------|---------------------------------|-------------|----------|
| 1   |        | RELEASE                         | 2019.06.10  |          |
| 2   | R5583W | UPDATED NOTES<br>2.ADD E13 LOGO | 2022.04.03  |          |
| 3   | C09085 | UPDATED NOTES                   | May-15-2025 |          |



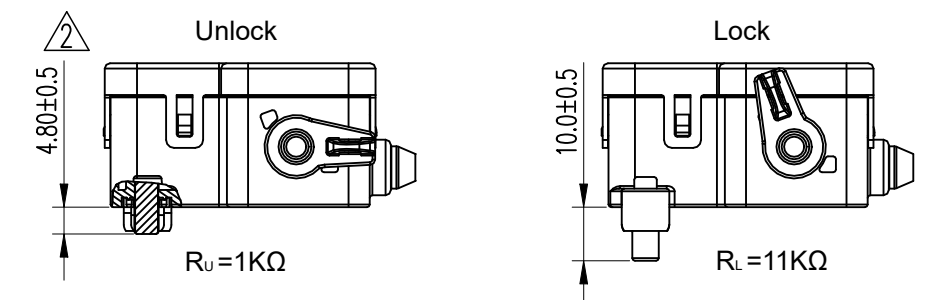
Suggested Work time: > 3000ms  
Max time: N/A  
Min time: 400ms

Suggested adjustment time: 600ms  
Max time: 1000ms  
Min time: 450ms

DC 12V E-LOCK WIRING DIAGRAM



| TYPE      | RED    | BLACK  | WHITE                        | BLUE |
|-----------|--------|--------|------------------------------|------|
| UNLOCKING | POWER+ | POWER- | SIGNAL(R <sub>U</sub> =1KΩ)  |      |
| LOCKING   | POWER- | POWER+ | SIGNAL(R <sub>L</sub> =11KΩ) |      |



Notes:

- Contact switch is normally open  
Unlock: 1KΩ  
Lock: 11KΩ
- 1.Voltage supply at motor: 12V
  - 2.Motor rated voltage: 9V to 12V
  - 3.Typical motor current for locking: 200mA
  - 4.Maximal motor current for locking: 1000mA
  - 5.Maximal voltage for locking detection: 20V
  - 6.Maximal dwell period with blocking current: 1000ms
  - 7.Suggested adjustment time: 600ms
  - 8.Durability (in load cycles) : >40000
  - 9.Ambient temperature (in operation) : -40°C to +85°C
  - 10.Ambient temperature (storage) : -40°C to +85°C
  - 11.IP-Class : IP65
  - 12.RoHS Compliance
  - 13.Cable minimum bending radius: ≥5\*OD
  - 14.NEVDC12VELOCKL XXXX

| LENGTH      | TOLERANCE  |
|-------------|------------|
| 0~1000mm    | +25<br>-10 |
| 1001~5000mm | +40<br>-10 |
| >5000mm     | +50<br>-20 |

| DIMENSIONS                           | TOLERANCES                                                                                                                                                                                                 | PROJECTION |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| ANSI Y14.5M<br>UNITS: MM<br>CAD FILE | .X ± 0.5<br>.XX ± 0.05<br>ANGLES ± 2.0°                                                                                                                                                                    |            |
| ORIGINAL                             | THIS DOCUMENT CONTAINS<br>PROPRIETARY INFORMATION WHICH<br>IS THE CONFIDENTIAL PROPERTY<br>OF Amphenol PCD Shenzhen Co. Ltd<br>Amphenol PCD Shenzhen Co. Ltd RESERVES<br>THE RIGHT TO CLARIFY THIS DRAWING |            |

| ②                     | P01BC00054          | CABLE UL21405 4C*0.5mm² XLPE OD=5.0 BLACK | AR   | m                    |
|-----------------------|---------------------|-------------------------------------------|------|----------------------|
| ①                     | NEVDC12VELOCKL0000Z | DC 12V E-LOCK: NEVDC12VELOCKL0000Z        | 1    | EA                   |
| ITEM                  | NAME                | DESCRIPTION                               | QTY  | UNIT                 |
| Amphenol PCD Shenzhen |                     | TITLE                                     |      |                      |
| ENGR                  |                     | DC 12V E-LOCK<br>CABLE ASSEMBLY           |      |                      |
| 2019.06.10            |                     |                                           |      |                      |
| CHKD                  |                     |                                           | SIZE | DWG NO.              |
| APPD                  |                     |                                           | A3   | C-NEVDC12VELOCKLXXXX |
|                       |                     | SCALE                                     | N/A  | REV                  |
|                       |                     | SHEET                                     |      | 1 OF 1               |