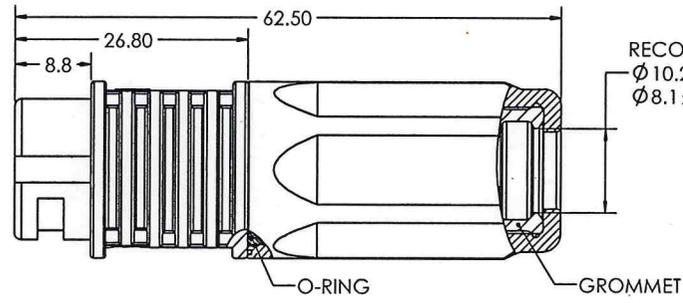
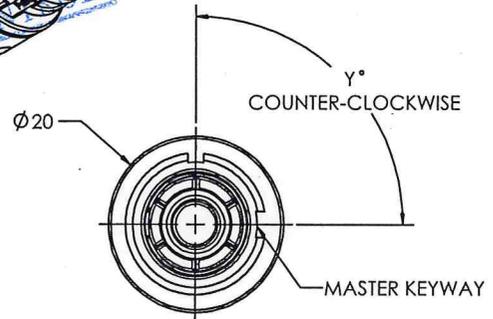
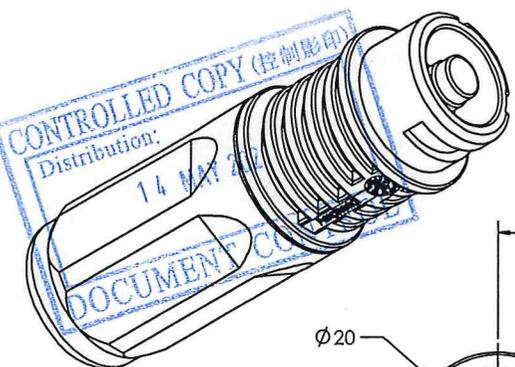


# CUSTOMER DRAWING



| REVISIONS |      |                 |           |
|-----------|------|-----------------|-----------|
| ZONE      | REV. | DESCRIPTION     | DATE      |
| ALL       | A    | INITIAL RELEASE | 2019/12/5 |
| B2,B3     | B    | ADD CODE NUMBER | 2020/6/29 |
| A3        | C    | UPDATE NOTE     | 2021/5/13 |

Herbert feng 2021.5.13

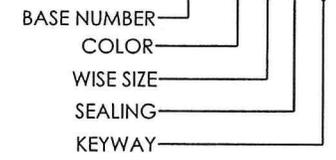


RECOMMENDED CABLE OD RANGE  
 $\phi 10.2 \pm 0.2\text{MM}$  FOR 25MM<sup>2</sup>  
 $\phi 8.1 \pm 0.2\text{MM}$  FOR 16MM<sup>2</sup>

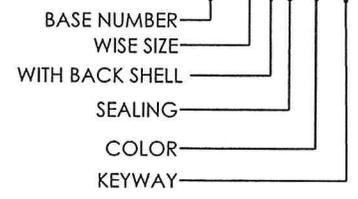
| SPECIFICATIONS                  |  |
|---------------------------------|--|
| CURRENT RATING                  | 100 Amps MAX FOR 16MM <sup>2</sup><br>120 Amps MAX FOR 25MM <sup>2</sup> |
| OPERATING VOLTAGE               | 1000V DC   |
| OPERATING TEMPERATURE (AMBIENT) | -40°C~105°C  |
| CONTACT RESISTANCE              | 0.5m $\Omega$ MAX.   |
| PROTECTION CLASS                | IP67(MATED)  |

| ITEM        | OPTION                     | CODE NUMBER | MFG NUMBER |
|-------------|----------------------------|-------------|------------|
| COLOR       | ORANGE                     | O           | 0          |
|             | BLACK                      | B           | 1          |
|             | RED                        | R           | 2          |
| WIRE SIZE   | 16MM <sup>2</sup> CRIMPING | 16          | 3          |
|             | 25MM <sup>2</sup> CRIMPING | 25          | 0          |
| SEALING     | IP67(MATED)                | S           | 0          |
| KEYWAY (Y°) | NO SEALING                 | N           | 1          |
|             | 90°                        | 0           | 0          |
|             | 120°                       | 3           | 3          |

MFG PART NUMBER: C10-762231-( ) ( ) ( ) ( )



CODE NUMBER REFERENCE: SLPCRA( ) B( ) ( ) ( )



- 2. IF CHOOSE NO SEALING TYPE, THERE WILL BE NO O-RING AND GROMMET AND BRACKET. ©
- 1. THE REFERENCED PRODUCT SHOULD BE COMPLIANT TO RoHS DIRECTIVE.

NOTES

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM THE AMPHENOL CORP.

Next Assembly

| UNLESS OTHERWISE SPECIFIED                                  | APPROVALS              |              | DATE       |
|---|------------------------|--------------|------------|
| LINEAR DIMENSIONS ARE IN MILLIMETERS                        | PREPARED BY:           | Rock Yang    | 2019-12-05 |
| TOLERANCES:   | LEAD/PRODUCT ENGINEER: | Rock Yang    |            |
| DIM. RANGE 0.5-3 >3-6 >6-30 >30-120 >120-400                | ENGINEERING MANAGER:   | Rob Weng     |            |
| TOLERANCE $\pm 0.1$ $\pm 0.1$ $\pm 0.2$ $\pm 0.3$ $\pm 0.5$ | PRODUCT GROUP:         | C&S          |            |
| ANGLES = $\pm 2^\circ$                                      | AIPG DIVISION:         |              |            |
| DIM. & TOL. PER ASME Y14.5M-1994;                           | MATERIAL SPEC          | PROCESS SPEC |            |
| DRM PER MIL-DTL-31000;                                      | N/A                    | N/A          |            |
| OTHER AMPHENOL STANDARDS: 9-9318                            |                        |              |            |
| THIRD ANGLE PROJECTION                                      |                        |              |            |

| AMPHENOL CORPORATION   |           |                 |              |
|--|-----------|-----------------|--------------|
| Amphenol Technology (Zhuhai) Co. Ltd.<br>No. 63 Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC |           |                 |              |
| 5.7MM SURLOK PLUS RECEPTACLE<br>INLINE TYPE  |           |                 |              |
| SIZE   | CAGE CODE | DOCUMENT NUMBER | REV          |
| C  | 77820     | 10-762231-( )   | C            |
| SCALE: 2.5:1   |           | REF:            | SHEET 1 OF 1 |

ZCN W A72-CH201050

B

A

D

C

B

A

4

3

2

1

4

3

2

1