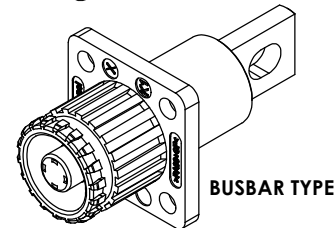
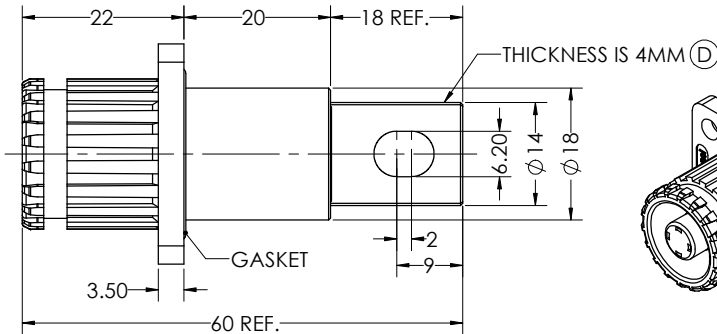
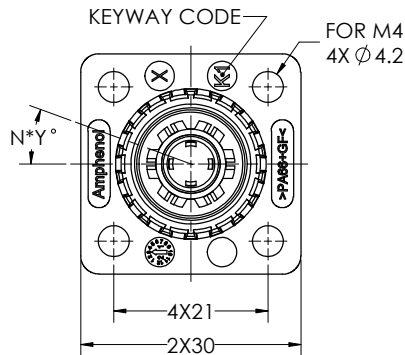


CUSTOMER DRAWING

| REVISION |      |                                                 |            |
|----------|------|-------------------------------------------------|------------|
| ZONE     | REV. | DESCRIPTION                                     | DATE       |
| ALL      | A    | INITIAL RELEASE                                 | 2020-09-08 |
| C3       | B    | DESIGN UPDATE                                   | 2021-02-01 |
| A4/C3    | C    | ADD DUST CAP                                    | 2021-09-23 |
| C3       | D    | ADD THICKNESS DIM. OF BUSBAR<br>UPDATE THE SPEC | 2022-11-28 |

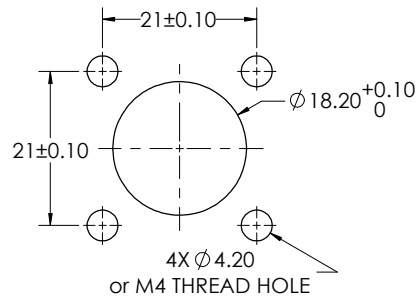


MFG NUMBER: C10-765468-( ) ( ) ( ) ( )

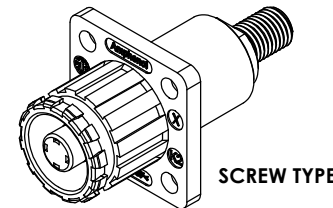
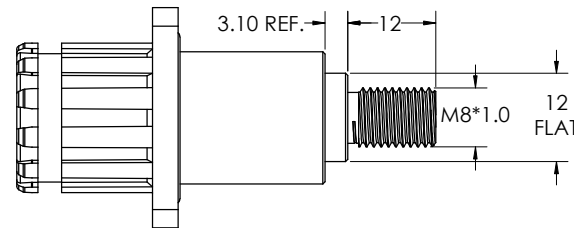
COLOR  
PIN TYPE  
SEALING  
KEYWAY

CODE NUMBER: SLPHIRB ( ) P ( ) ( ) ( )

PIN TYPE  
SEALING  
COLOR  
KEYWAY



RECOMMENDED PANEL LAYOUT



SCREW TYPE

| ITEM        | OPTION      | CODE NUMBER | MFG NUMBER |
|-------------|-------------|-------------|------------|
| COLOR       | ORANGE      | O           | 0          |
|             | BLACK       | B           | 1          |
|             | RED         | R           | 2          |
| PIN TYPE    | BUSBAR      | B           | 1          |
|             | SCREW       | T           | 2          |
| SEALING     | IP67(MATED) | S           | 0          |
|             | NO SEALING  | N           | 1          |
| KEYWAY (Y°) | 20°         | 1           | 1          |
|             | 30°         | 2           | 2          |

| KEYWAY(Y°) | KEYWAY CODE | N  |
|------------|-------------|----|
| 20°        | K1          | 18 |
| 30°        | K2          | 12 |

SPECIFICATIONS

|                     |                 |
|---------------------|-----------------|
| CURRENT RATING      | 200 Amps MAX.   |
| OPERATING VOLTAGE   | 1500V DC MAX.   |
| TEMPERATURE LIMIT   | -40°C~125°C     |
| AMBIENT TEMPERATURE | -40°C~80°C      |
| CONTACT RESISTANCE  | 0.5mΩ MAX.      |
| PROTECTION CLASS    | IP67(MATED)     |
| DURABILITY          | 100 CYCLES MIN. |

①  
②

- THE DUST CAP SHOULD BE REMOVED BEFORE THE PLUG MATING IN.
- IF CHOOSE NO SEALING TYPE, THERE WILL BE NO GASKET.
- THE REFERENCED PRODUCT SHALL 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           |                                   |
|--------------------------------------|-----------------------------------|
| LINEAR DIMENSIONS ARE IN MILLIMETERS |                                   |
| TOLERANCES:                          |                                   |
| DIM. RANGE                           | 0.5-3 >3-6 >6-30 >30-120 >120-400 |
| TOLERANCE                            | ±0.1 ±0.1 ±0.2 ±0.3 ±0.5          |
| ANGLES = ±2°                         |                                   |
| DIM. & TOL. PER ASME Y14.5M-1994;    |                                   |
| DRM PER MIL-DTL-31000;               |                                   |
| OTHER AMPHENOL STANDARDS: 9-9318     |                                   |
| THIRD ANGLE PROJECTION               |                                   |



| APPROVALS              |           | DATE         |
|------------------------|-----------|--------------|
| PREPARED BY:           | SEVEN XIE | 2020/09/28   |
| LEAD/PRODUCT ENGINEER: | SEVEN XIE |              |
| ENGINEERING MANAGER:   | ROB WENG  |              |
| PRODUCT GROUP:         | C&I       |              |
| AIPG DIVISION:         | AIO       |              |
| MATERIAL SPEC          |           | PROCESS SPEC |
| N/A                    |           | N/A          |

AMPHENOL CORPORATION

Amphenol Technology (Zhuhai) Co. Ltd.  
No. 63 Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC

8.0MM SURLOK-PLUS RECEPTACLE  
1500V/DC  
PANEL MOUNT TYPE

| SIZE       | CAGE CODE | DOCUMENT NUMBER    | REV          |
|------------|-----------|--------------------|--------------|
| C          | 77820     | 10-765468-( )      | D            |
| SCALE: 2:1 |           | REF: 10-730189-( ) | SHEET 1 OF 1 |