

Amphenol PCDSZ  
ORIGINAL  
PDF Format  
R&D

| REV | ECN    | DESCRIPTION     | DATE       | MODIFIED |
|-----|--------|-----------------|------------|----------|
| 1   |        | PRE- RELEASE    | 2024.04.29 | Scott    |
| 2   | R8162N | UPDATED DRAWING | 2024.07.02 | Clorise  |
| A   | C8162  | RELEASE         | 2024.11.05 | Clorise  |

WITH FUSED 带熔断器印字

TYPE:MSDEXXXX(FUSED)  
FUSED VOLTAGE AND CURRENT:  
DC 500V XXXA  
T/N: XXXXXXXX YY.WW  
生产批次号 表示年周:如24.16

WITHOUT FUSED 不带熔断器印字

TYPE:MSDEXXXX(UNFUSED)  
RATED VOLTAGE AND CURRENT:  
DC 500V 350A  
T/N: XXXXXXXX YY.WW  
生产批次号 表示年周:如24.16

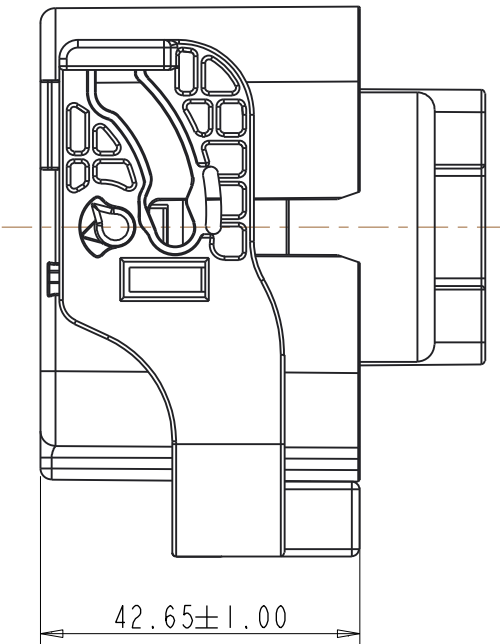
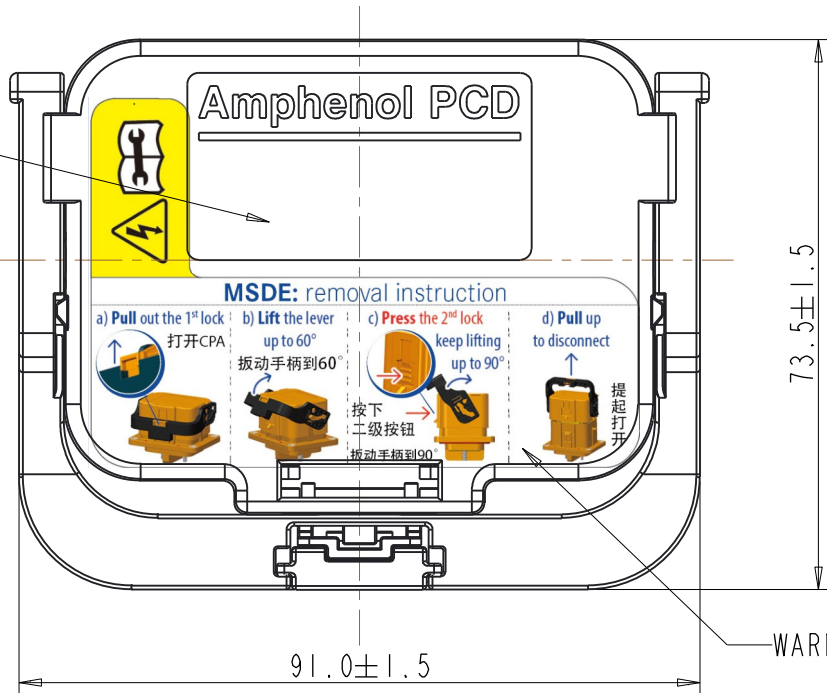
备注 此款带保险丝的维修开关只适用于储能系统 不适用于新能源车上使用  
NOTES: This style maintenance switch with fused is only suitable for energy storage systems and is not suitable for use on new energy vehicles.

1.MODEL SELECTION SPECIFICATION:MSDEF0000 (350A NO FUSE)

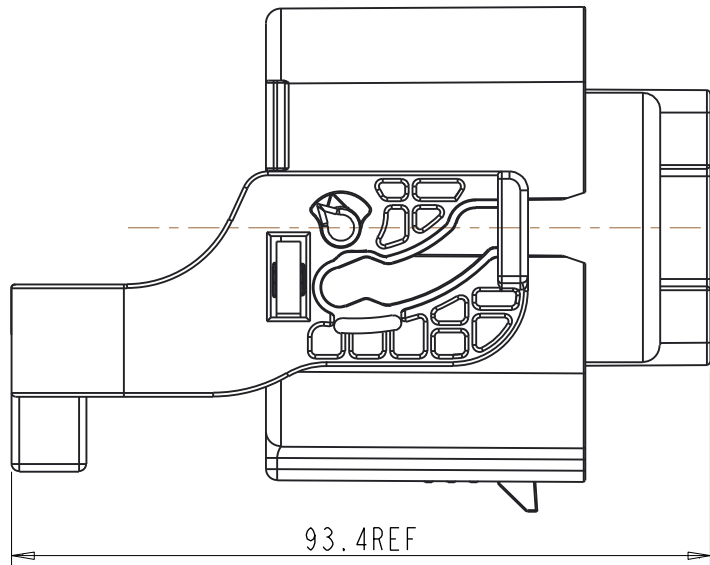
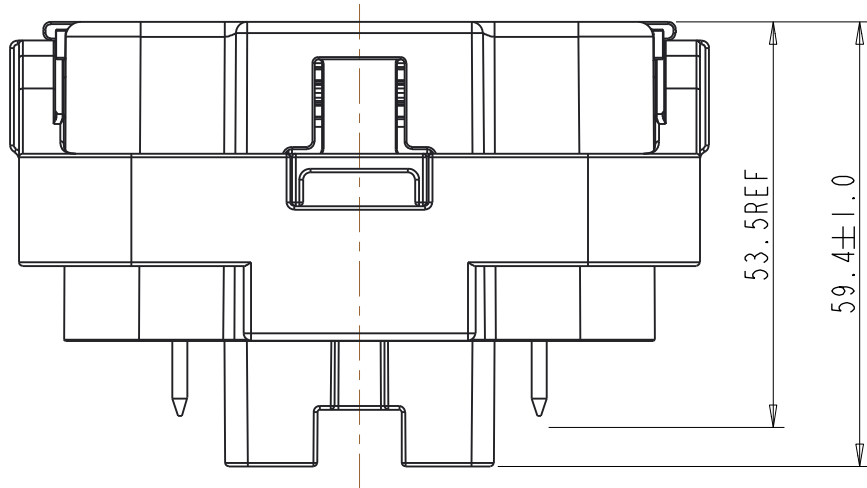
2.MODEL SELECTION SPECIFICATION:  
MSDEXXXX(FUSE)

1-FUSE MANUFACTURER BUSSMANN  
2-FUSE MANUFACTURER SINFUSE

160 --- 160A  
200 --- 200A  
250 --- 250A  
300 --- 300A(ONLY BUSSMANN)  
315 --- 315A(ONLY SINFUSE)  
350 --- 350A  
400 --- 400A  
450 --- 450A  
500 --- 500A  
550 --- 550A  
630 --- 630A  
700 --- 700A(ONLY BUSSMANN)



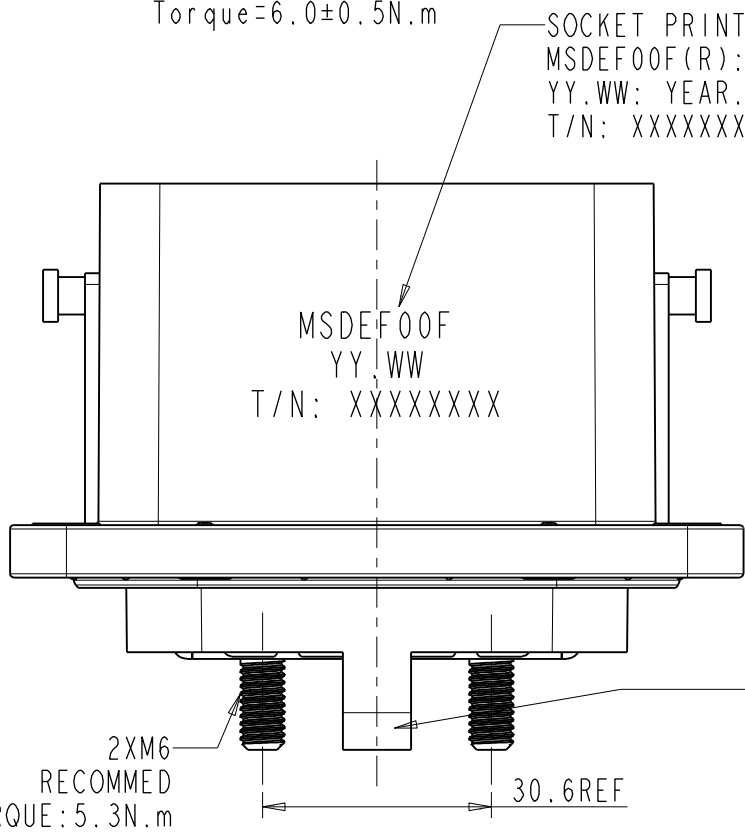
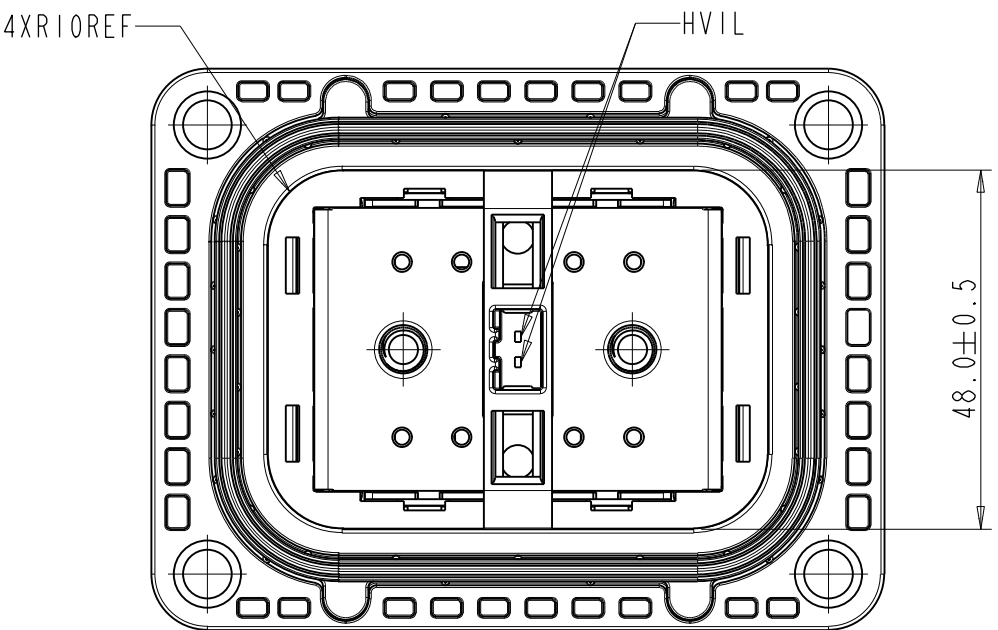
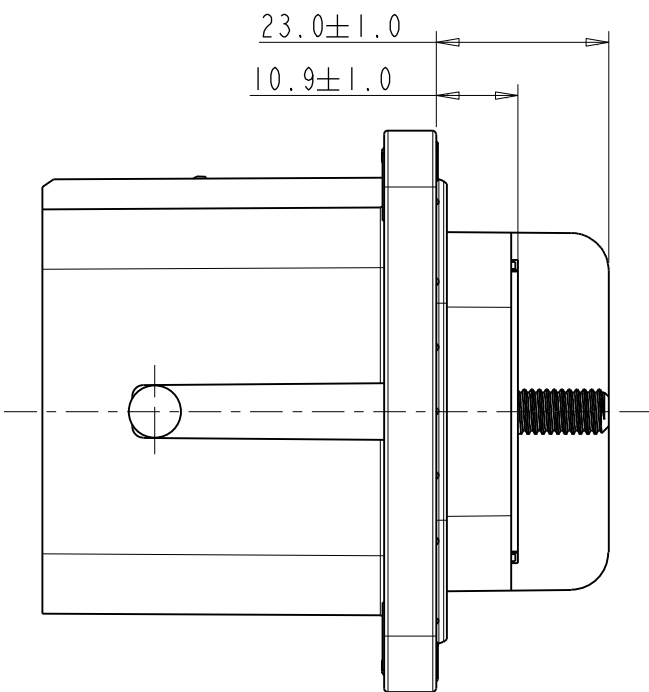
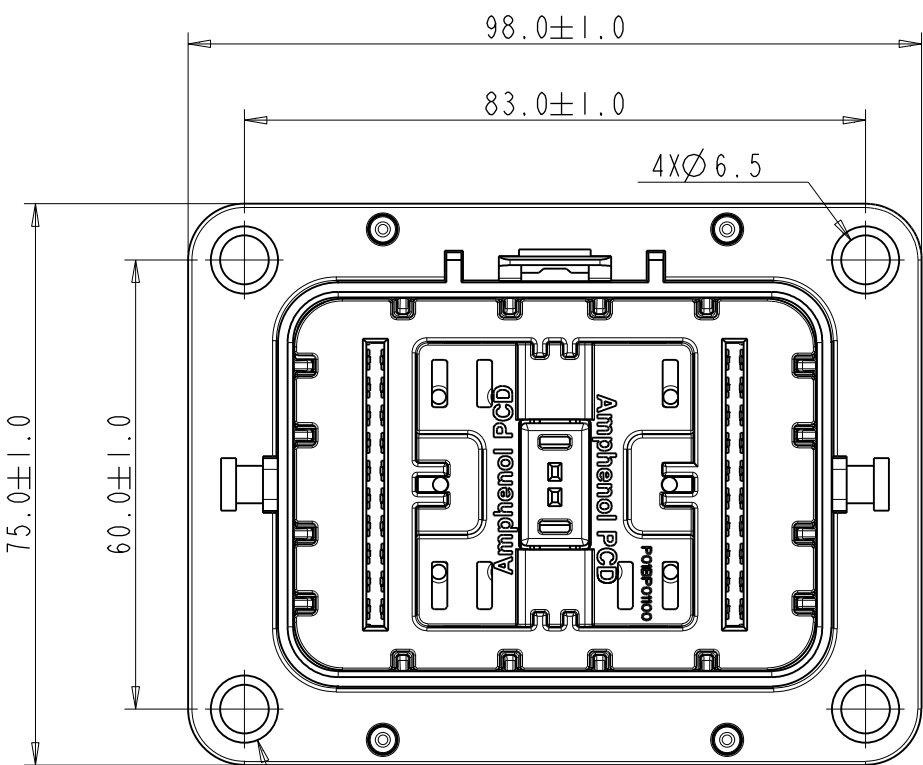
LEVER IN LOCKED POSITON



LEVER IN OPEND POSITON

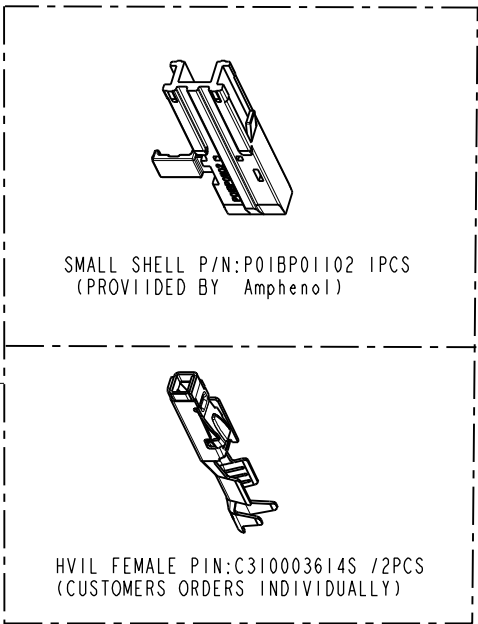
|   |                                 |              |   |
|---|---------------------------------|--------------|---|
| 1 | OPERATING TEMPERATURE           | -40°C~+125°C |   |
| 2 | AMBIENT TEMPERATURE             | -40°C~+70°C  |   |
| 3 | DIELECTRIC WITHSTANDING VOLTAGE | 3000V AC     | + |
| 4 | INSULATION RESISTANCE           | 100MΩ .MIN.  | + |
| 5 | DURABILITY                      | 50 CYCLES    | ◎ |
| 6 | WATERPROOF(MATED CONDITION)     | IP67, IP6K9K | + |
| 7 | NEGATIVE PRESSURE TEST          | 48Kpa        |   |

|             |  |                                                                                                                                                                                                            |  |            |  |                       |  |                  |  |                   |                           |  |     |  |
|-------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|--|-----------------------|--|------------------|--|-------------------|---------------------------|--|-----|--|
| DIMENSIONS  |  | TOLERANCES                                                                                                                                                                                                 |  | PROJECTION |  | Amphenol PCD Shenzhen |  |                  |  | TITLE<br><br>MSDE |                           |  |     |  |
| ANSI Y14.5M |  | .X ±0.5                                                                                                                                                                                                    |  |            |  | ENGR                  |  | Scott 2024.04.29 |  |                   |                           |  |     |  |
| UNITS: MM   |  | .XX ±0.05                                                                                                                                                                                                  |  |            |  |                       |  |                  |  |                   |                           |  |     |  |
| Pro/E FILE  |  | ANGLES ±2°                                                                                                                                                                                                 |  |            |  |                       |  |                  |  |                   |                           |  |     |  |
| 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 |  |            |  | CHKD                  |  | Jouk             |  | SIZE              | DWG NO.<br><br>C-MSDEXXXX |  | REV |  |
|             |  |                                                                                                                                                                                                            |  |            |  | APPD                  |  |                  |  | A3                |                           |  | A   |  |
|             |  |                                                                                                                                                                                                            |  |            |  |                       |  |                  |  |                   |                           |  |     |  |



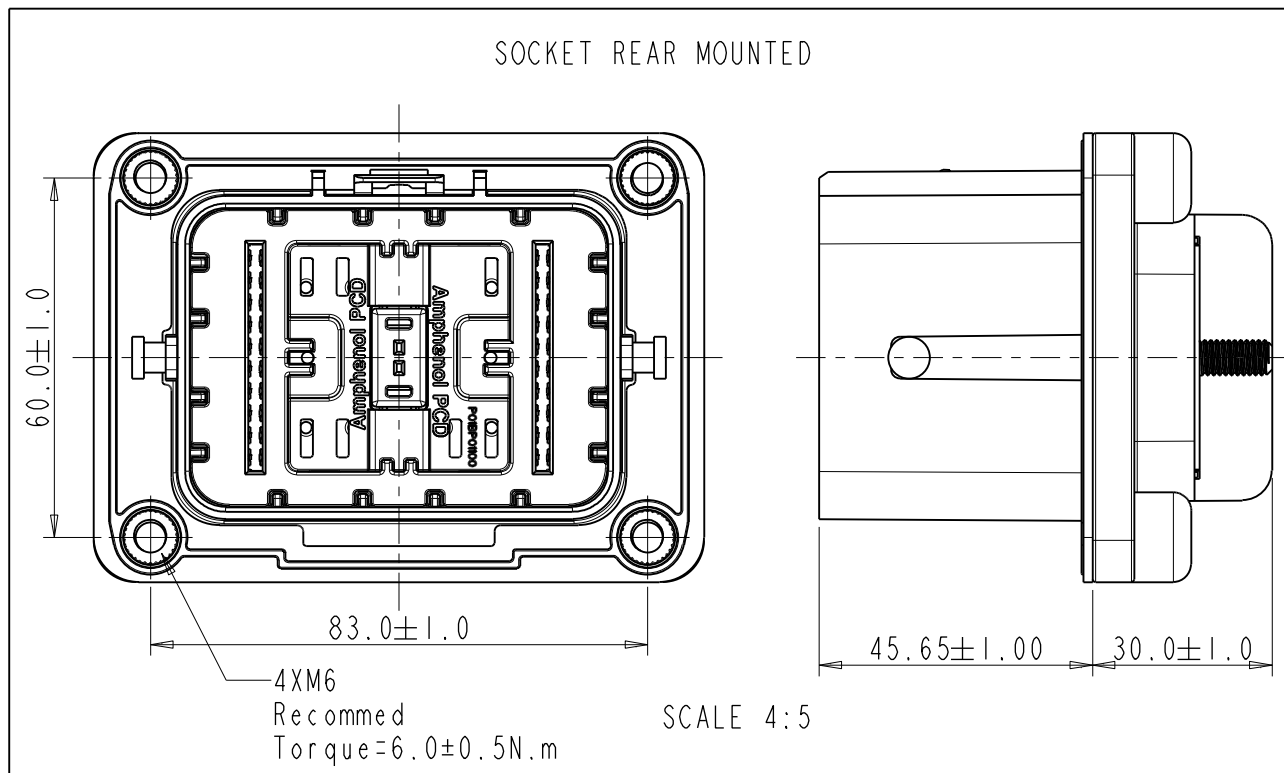
SOCKET PRINT:  
MSDEF00F(R): PRODUCT P/N  
YY.WW: YEAR.WEEK  
T/N: XXXXXXXX:PRODUCTION BATCH NO

MSDEF00F  
YY.WW  
T/N: XXXXXXXX



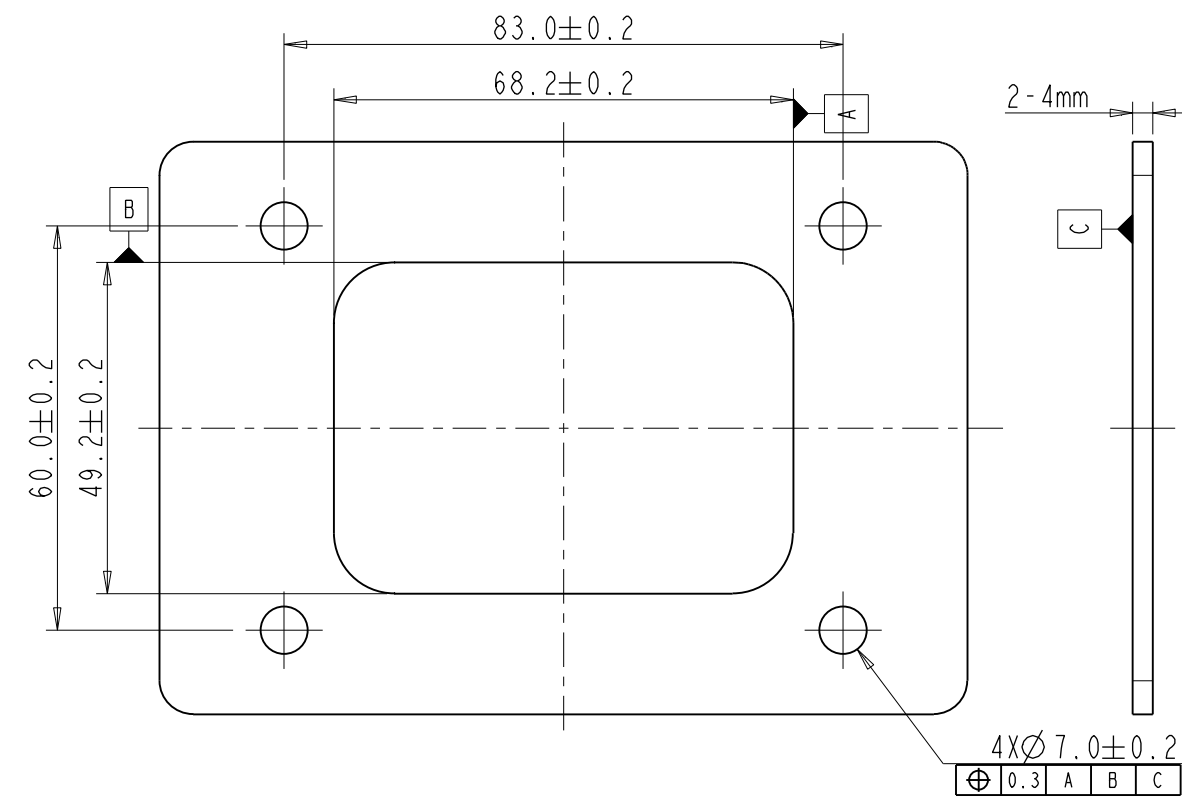
RECOMMENDED SOCKET ORDER COMBINATION:

P/N:P.03.B.MSDEF00F+P.03.B.C310003614S  
P/N:P.03.B.MSDEF00R+P.03.B.C310003614S



| ITEM | DESCRIPTION          | ORDER P/N | RATED CURRENT |
|------|----------------------|-----------|---------------|
| 1    | SOCKET FRONT MOUNTED | MSDEF00F  | 350A          |
| 2    | SOCKET REAR MOUNTED  | MSDEF00R  | 350A          |

RECOMMENDED MOUNTING PLATE DIMENSIONS  
SOCKET FRONT MOUNTED



RECOMMENDED MOUNTING PLATE DIMENSIONS  
SOCKET REAR MOUNTED

