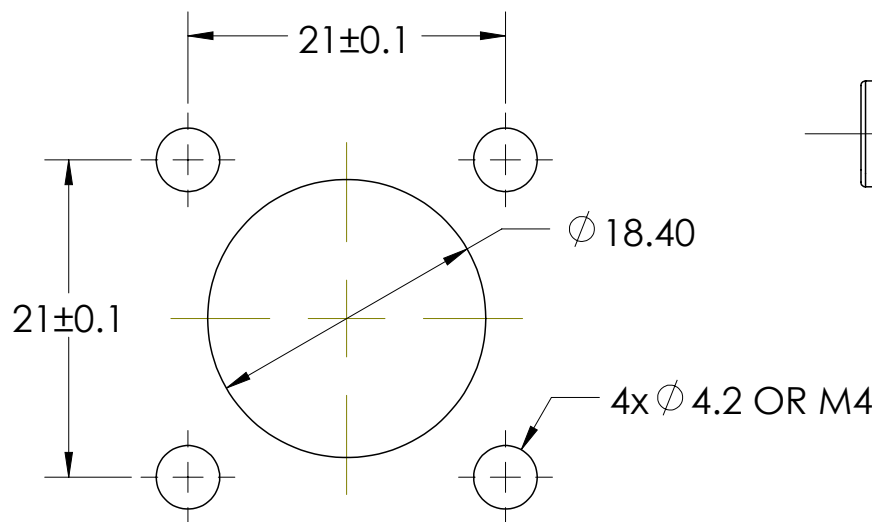
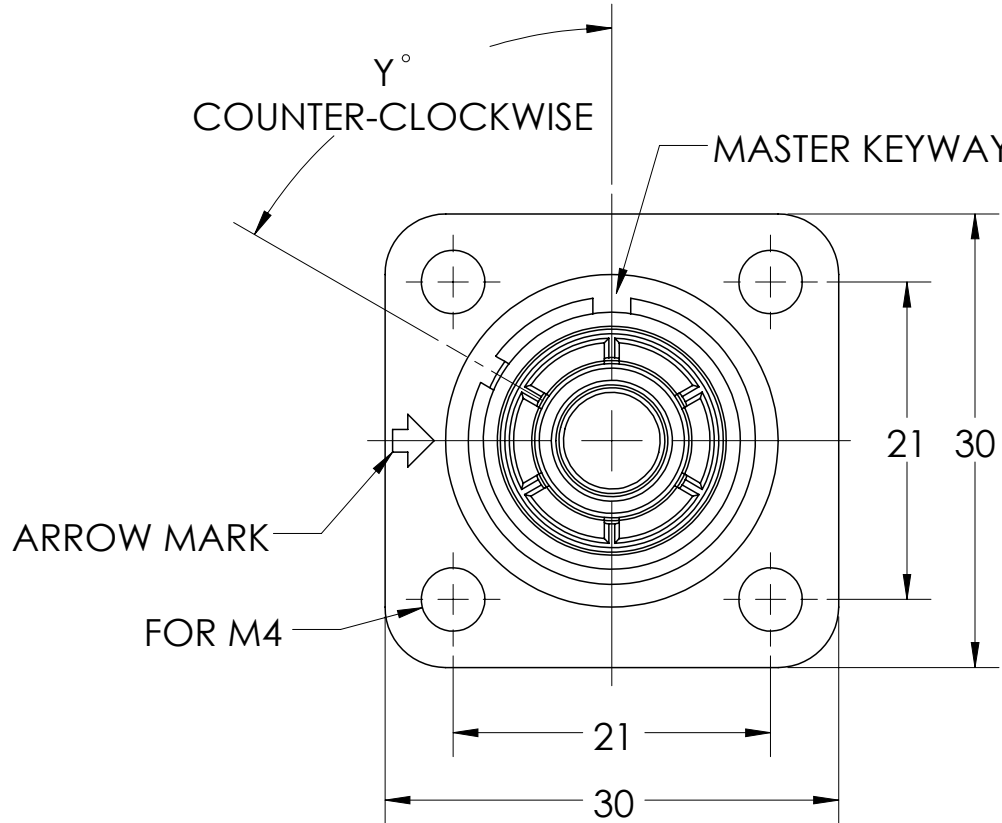


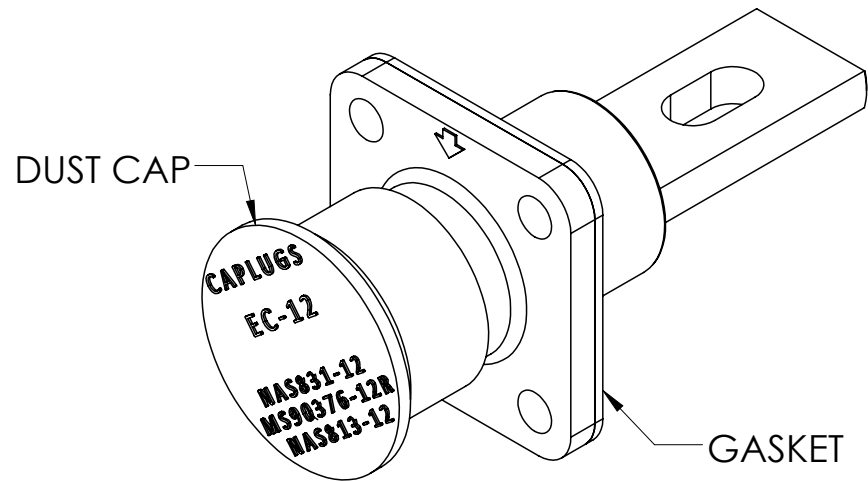
CUSTOMER DRAWING

Jesse Hu
2026.06.24 09:00:33 +08'00'

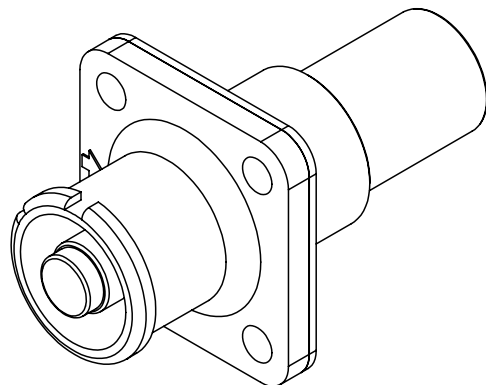
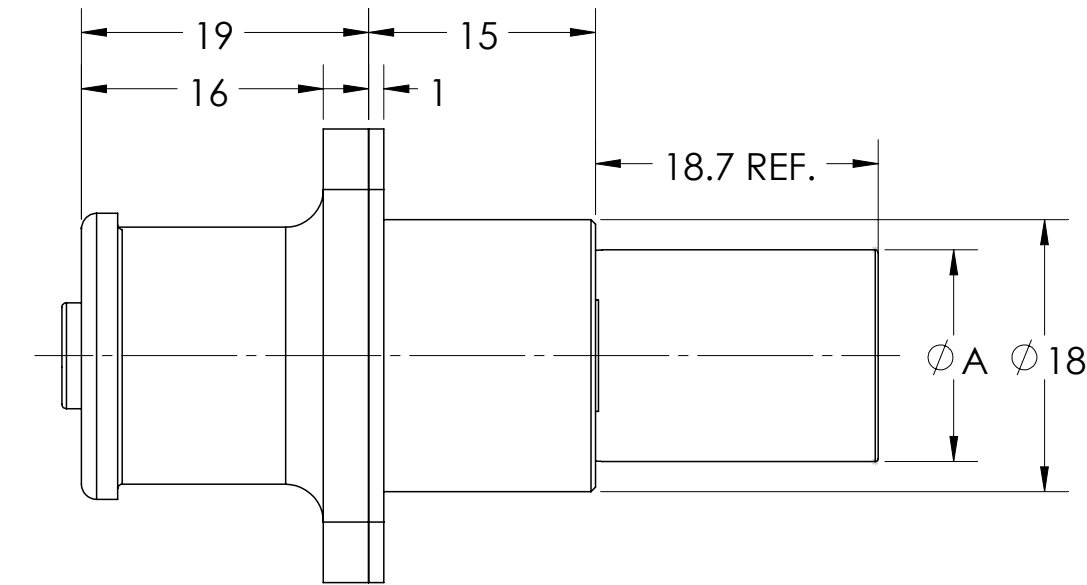
REV.	DESCRIPTION	DATE
H	UPDATE CURRENT & TEMP.RATING	2016-11-13
I	UPDATE NOTE 2&4 UPDATE SPECIFICATION TABLE ADD DIA.A & DIM "15" ADD 25SQMM OPTION CORRECT OPERATING TEMPERATURE	2020-01-16
J	ADD YELLOW AND BROWN COLOR OPTION	2025-08-15



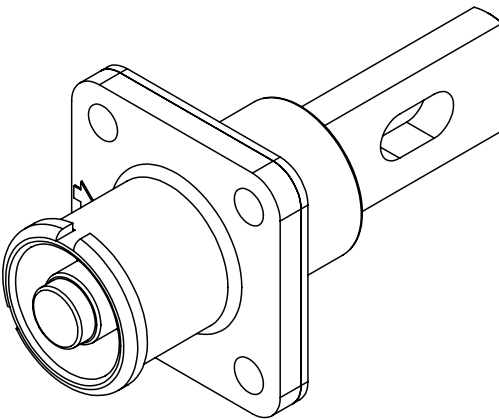
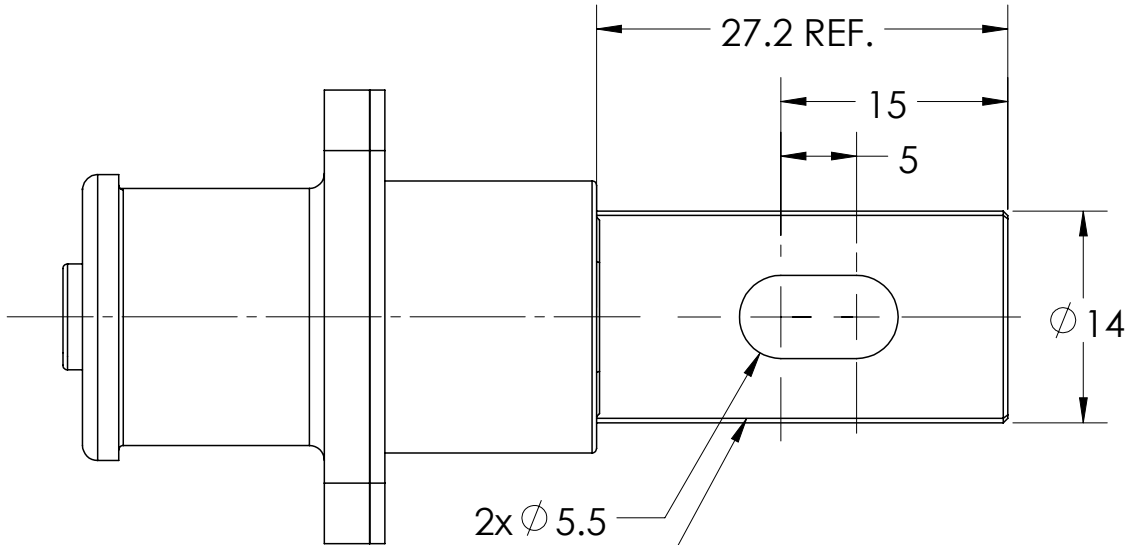
RECOMMENDED PANEL LAYOUT



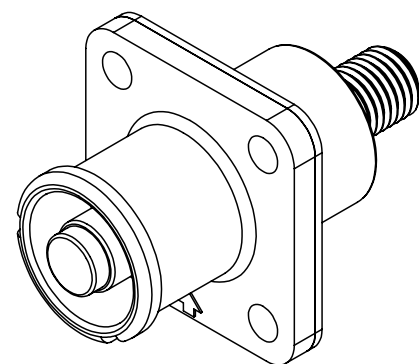
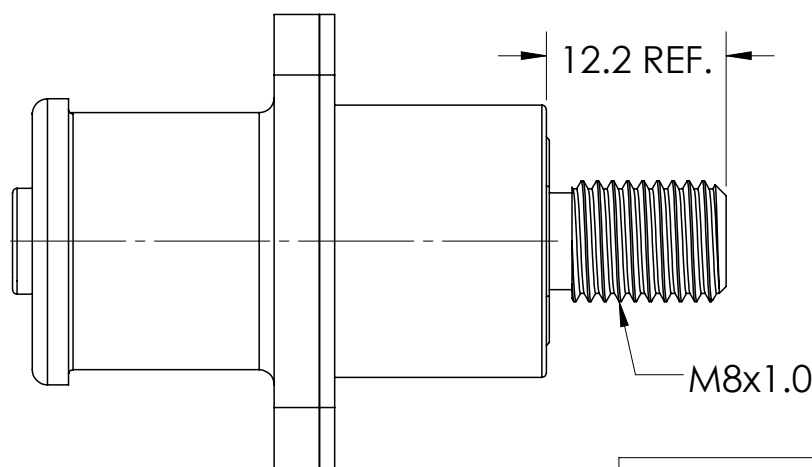
DUST CAP ASSEMBLY DIAGRAM



CRIMP TYPE



BUSBAR TYPE



SCREW TYPE

DIAMETER "A"	WIRE SIZE
14	50 SQMM
12.5	35 SQMM
10	25 SQMM

SPECIFICATION	
CURRENT RATING	120A MAX FOR 25 SQMM 150A MAX FOR 35 SQMM 200A MAX FOR 50 SQMM
OPERATING VOLTAGE	1000V DC MAX.
TEMPERATURE LIMIT	-40 ~ 105 °C
AMBIENT TEMPERATURE	-40 ~ 60 °C
CONTACT RESISTANCE	0.5mΩ MAX.
PROTECTION CLASS	IP67 (MATED)
DURABILITY	100 CYCLES MIN

MFG NUMBER: C10-731950-() () () ()

COLOR
PIN TYPE
KEYWAY
SEALING

CODE NUMBER: SLPIRB () P () () ()

PIN TYPE
PANEL MOUNT
SEALING
COLOR
KEYWAY

ITEM	OPTION	CODE NUMBER	MFG NUMBER
COLOR	ORANGE	O	0
	BLACK	B	1
	RED	R	2
	YELLOW	Y	5
	BROWN	W	6
PIN TYPE	25 SQMM CRIMPING	25C	4
	35 SQMM CRIMPING	35C	3
	50 SQMM CRIMPING	50C	0
	BUSBAR	B	1
	SCREW	T	2
SEALING	IP67(MATED)	S	OMIT
	NO SEALING	N	1
KEYWAY (Y°)	90°	0	0
	180°	1	1
	60°	2	2
	120°	3	3
	150°	4	4

4. RECOMMENDED PART NUMBER FOR SCREW TYPE:C10-763708-()
3. IF CHOOSE NO SEALING OPTION,THERE WILL BE NO GASKET
2. DUST CAP SHOULD BE REMOVED BEFORE THE PLUG MATING IN.

1. THE REFERENCED PRODUCT SHOULD BE COMPLIANT TO RoHS DIRECTIVE.

NOTES:

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Next Assembly

UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE
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		PREPARED BY:	Jesse Hu	2016-11-13
		ENGINEER IN CHARGE:	Seven Xie	
		DESIGN MANAGER:	Rob Weng	
		PRODUCT GROUP:	C&I	
		AIPG DIVISION:		
		MATERIAL SPEC		PROCESS SPEC
		N/A		N/A

AMPHENOL INDUSTRIAL OPERATIONS

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

8.0MM SURLOK PLUS RECEPTACLE
WITH KEYWAY TYPE

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	90MJ5	10-731950-()	J
SCALE: 1.5:1		REF: N/A	SHEET 1 OF 1