

产品变更通知
Product Change Notification

产品名称 Product Name

Surok Plus

产品P/N Product P/N

C10-731950

变更发起人 Initiator

June ZENG

发起日期 Date

2026/6/30

PCN#

20260630001

图纸编号和版本 drawing No. & Rev. C10-731950-()_CUS_J

变更主题 Change subject New Housing Color Options Added (Yellow & Brown)

1.0 变更来源 Source of change

- ☐ 原料来源 Raw material
- ☐ 检测方式 Measuring technique
- ☐ 机器型号 Machine
- ☐ 工装夹具 Fixture & jig
- ☐ 成型模具 Moulds
- ☐ 工艺参数 Process parameter
- ☐ 流程调整 Process flow
- ☐ 场地变更 Location
- ☒ 其他 Other

2.0 变更影响 Impact of change

- ☐ 产品性能 Functional
- ☐ 产品尺寸 Dimension
- ☒ 产品外观 Appearance
- ☐ 产品可靠性 Reliability
- ☐ 生产效率 Efficiency
- ☒ 改善 Continues Improvement
- ☒ 其他 Other

3.0 变更细节 Details

原先 From

Background

C10-731950

Due to market application requirements, additional housing color options are needed for part number 731950 to support customer identification, coding, or system differentiation needs.

(before)

ITEM	OPTION	CODE NUMBER	MFG NUMBER
COLOR	ORANGE	O	0
	BLACK	B	1
	RED	R	2
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
	90°	0	0
KEYWAY (Y*)	180°	1	1
	60°	2	2
	120°	3	3
	150°	4	4

DATE		AMPHENOL INDUSTRIAL OPERATIONS			
Yan an Xie Weng J&I	2016-11-13	Amphenol Technology (Zhuhai) Co., Ltd. No. 63, Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC			
PROCESS SPEC		8.0MM SURLOK PLUS RECEPTACLE WITH KEYWAY TYPE			
N/A		SIZE	CAGE CODE	DOCUMENT NUMBER	REV
		C	77820	10-731950-()	

变更后 To

C10-731950

Change Details: Yellow and Brown housing color options have been added to the existing color offerings for part number 731950. All other product specifications remain unchanged. Functional Impact: No functional impact. All electrical, mechanical, and environmental performance specifications remain unchanged. Only the color pigment has been changed. Interchangeability: The new color variants are fully form, fit, and function compatible with all existing versions. Drawings have been updated to include the new color options. All orders placed on or after July 1, 2026 can specify Yellow or Brown as required. Existing inventory of other colors remains valid and unchanged.

(after)

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

DATE	AMPHENOL INDUSTRIAL OPERATIONS			
2016-11-13	Amphenol Technology (Zhuhai) Co., Ltd. No. 63, Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC			
PROCESS SPEC	8.0MM SURLOK PLUS RECEPTACLE WITH KEYWAY TYPE			
N/A	SIZE	CAGE CODE	DOCUMENT NUMBER	REV
	C	90MJ5	10-731950-()	J

4.0 变更审批 Approving

质量部
Quality

设计工程部
RD

产品市场部
PM

June Zeng

备注:

- 当变更涉及产品变更时，PM和BDM 部门评估并知会客户批准
PM and BDM shall notify customer in case of changes influend product
- 产品外观包括图纸要求，色差，合模线，注塑口，印字，LOGO等， 以上项目均应与初始的产品保持一致，当有差异时应及时评审避免造成客户投诉和成本浪费; appearance includes drawing defined color,knit line,injection gate,marks and logo etc.; all changes shall be referred to original product and avoid difference between before and after and complaints & excessive cost etc.

Hi Birgit

Please be advised that a Product Change Notification (PCN) has been issued for part number 731950.

New housing color options (Yellow & Brown) have been added to the existing color offerings. All other product specifications remain unchanged.

All orders placed on or after July 1, 2026 can specify Yellow or Brown as required. Existing inventory of other colors remains valid.

Pls check attached drawing and confirm their color requirements for future orders.

Below is the shipping record of relevant part number.

TTI, INC.

C10-731950-010 SLPIRBBPSO0

C10-731950-011 SLPIRBBPSO1

C10-731950-020 SLPIRBTPSO0

C10-731950-100 SLPIRB50CPSB0

C10-731950-110 SLPIRBBPSB0

C10-731950-120 SLPIRBTPSB0

C10-731950-121 SLPIRBTPSB1

C10-731950-210 SLPIRBBPSR0

C10-731950-211 SLPIRBBPSR1

C10-731950-212 SLPIRBBPSR2

C10-731950-221 SLPIRBTPSR1

Best regards,

Gavin Luo

CSR, Customer Service

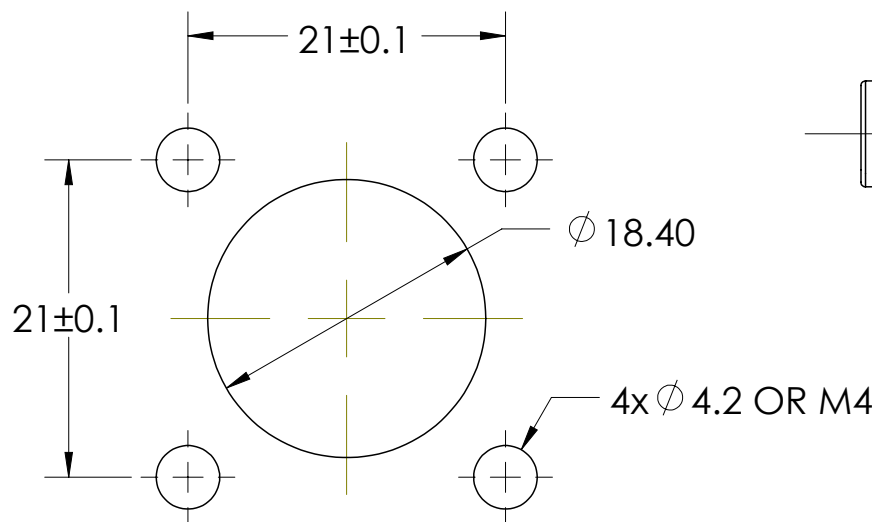
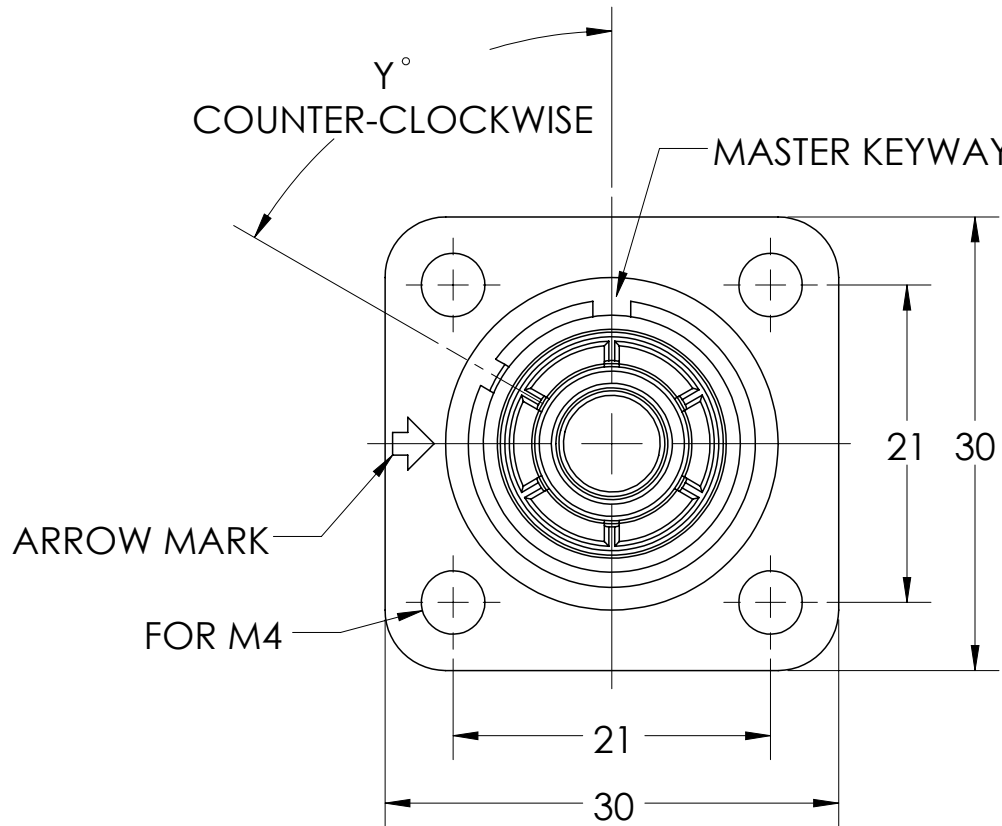
Amphenol Technology (Zhuhai) Co., Ltd

No. 63 Xinghan Road, Sanzao Town, Jinwan, Zhuhai, China 519040

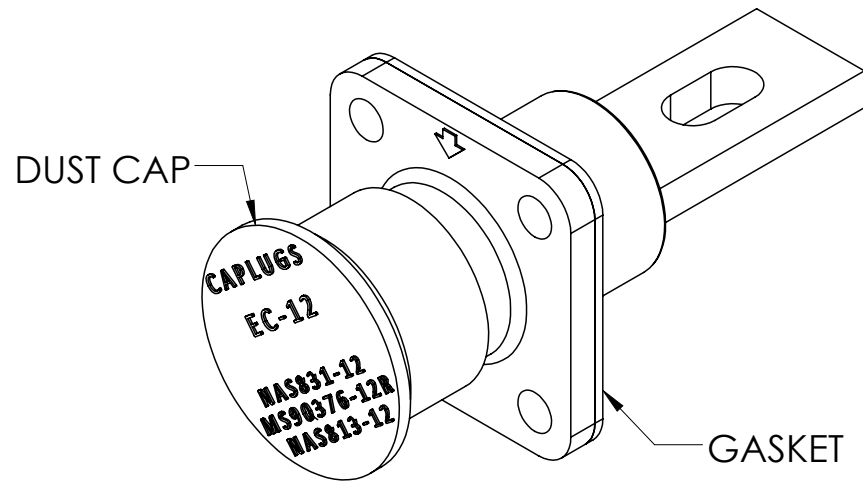
CUSTOMER DRAWING

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

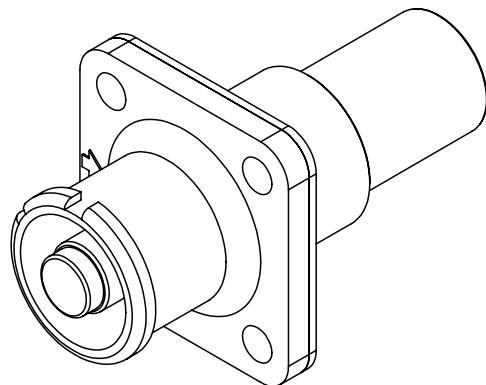
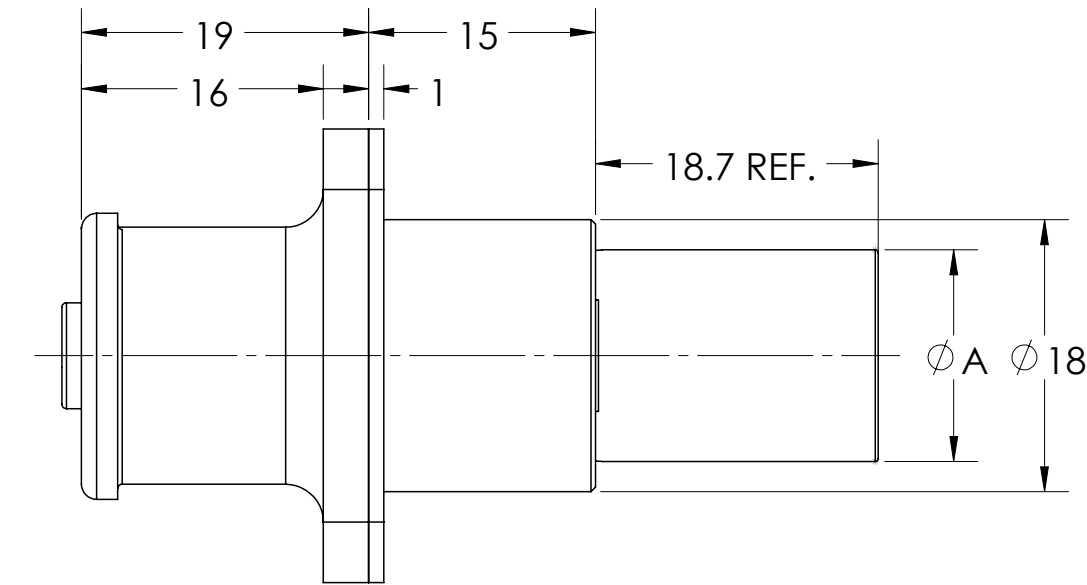
REV.	DESCRIPTION	DATE
H	UPDATE CURRENT & TEMP.RATING	2016-11-13
I	UPDATE NOTE 2&4 UPDATE SPECIFICATION TABLE ADD DIA.A & DIM "15" ADD 25SQMM OPTION CORRECT OPERATING TEMPERATURE	2020-01-16
J	ADD YELLOW AND BROWN COLOR OPTION	2025-08-15



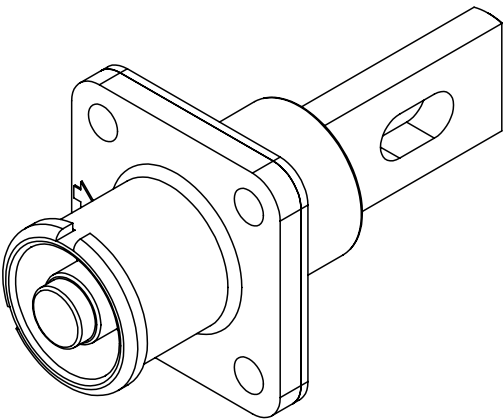
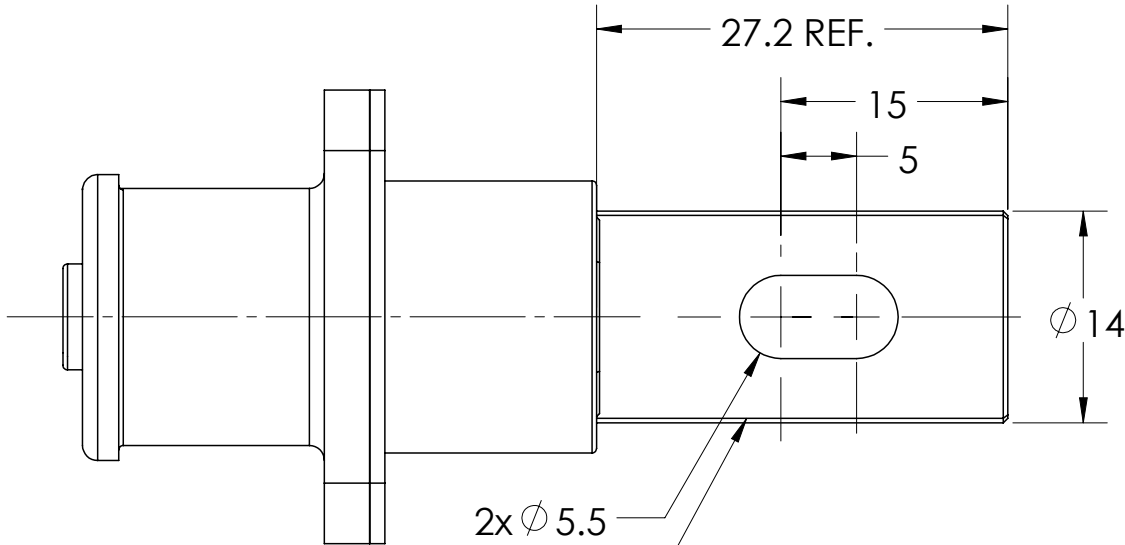
RECOMMENDED PANEL LAYOUT



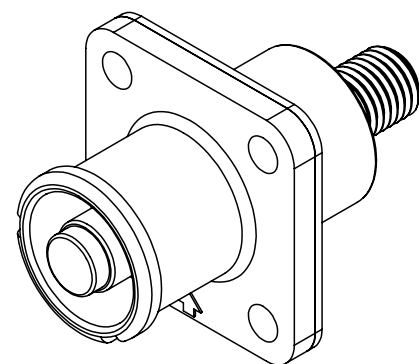
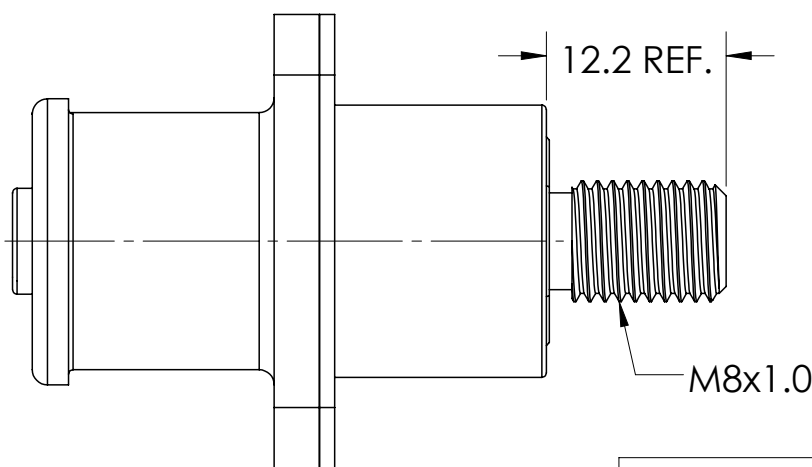
DUST CAP ASSEMBLY DIAGRAM



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