

产品变更通知
Product Change Notification

PCN# 20200901001

产品名称 Product Name Surok Plus
产品P/N Product P/N C10-730191-()

变更发起人 Initiator June ZENG
发起日期 Date 2020/9/1

图纸编号和版本 drawing No. & Rev. C10-730191-() PA_J version change to C10-730191-() PA_K version
变更主题 Change subject 1. Add dust cap for customer satisfaction
2. Finger proof head improve structure for higher retention force

1.0 变更来源 Source of change

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> 原料来源
Raw material | <input type="checkbox"/> 工装夹具
Fixture & jig | <input type="checkbox"/> 流程调整
Process flow |
| <input type="checkbox"/> 检测方法
Measuring | <input checked="" type="checkbox"/> 成型模具
Moulds | <input type="checkbox"/> 场地变更
Location |
| <input type="checkbox"/> 机器型号
Machine | <input type="checkbox"/> 工艺参数
Process parameter | <input type="checkbox"/> 其他Other |

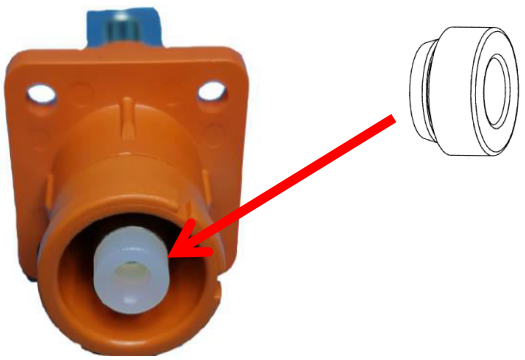
2.0 变更影响 Impact of change

- | | | |
|--|--|-----------------------------------|
| <input type="checkbox"/> 产品性能
Functional | <input type="checkbox"/> 产品可靠性
Reliability | <input type="checkbox"/> 其他 Other |
| <input type="checkbox"/> 产品尺寸
Dimension | <input type="checkbox"/> 生产效率
Efficiency | |
| <input checked="" type="checkbox"/> 产品外观
Appearance | <input checked="" type="checkbox"/> 改善Continues
Improvement | |

3.0 变更细节 Details

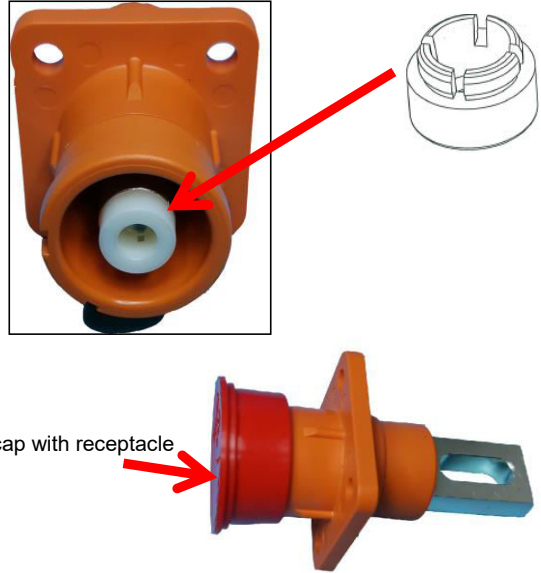
原先 From

Background
C10-730191-()
1. Dust cap used to sell separated for SLP receptacle, to improve customer satisfaction, as SLP 5.7 and 8.0 mm receptacle, 10.3mm size consider to provide with dust cap per customer request.
2. Customer complained for finger proof head retention force problem.



变更后 To

C10-730191-()
1. Dust cap provide with receptacle, price keep not change to improve customer satisfaction
2. Improve finger proof head structure and use higher ductility material to upgrade retention force function, the improvements keep fuction UL94 V-0 and lower risk of finger proof retention force problem.
This change is an optimization improvement, function will be not be effected. The product changed is switching naturally, both two structure the same function and come be used in provide dust cap with receptacle one time.
Those change will effect from 2020-10-11



4.0 变更审批 Approving

质量部 Quality		制造工程部 ME	
设计工程部 RD		产品市场部 PM	

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 influencent product
- 产品外观包括图纸要求, 色差, 合模线, 注胶口, 印字, LOGO等, 以上项目均应和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.

GENERAL TOLERANCE

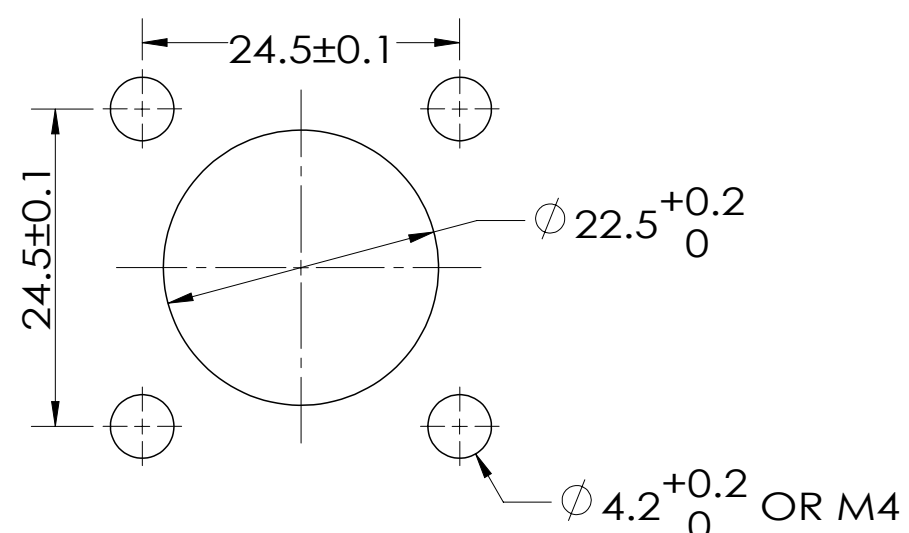
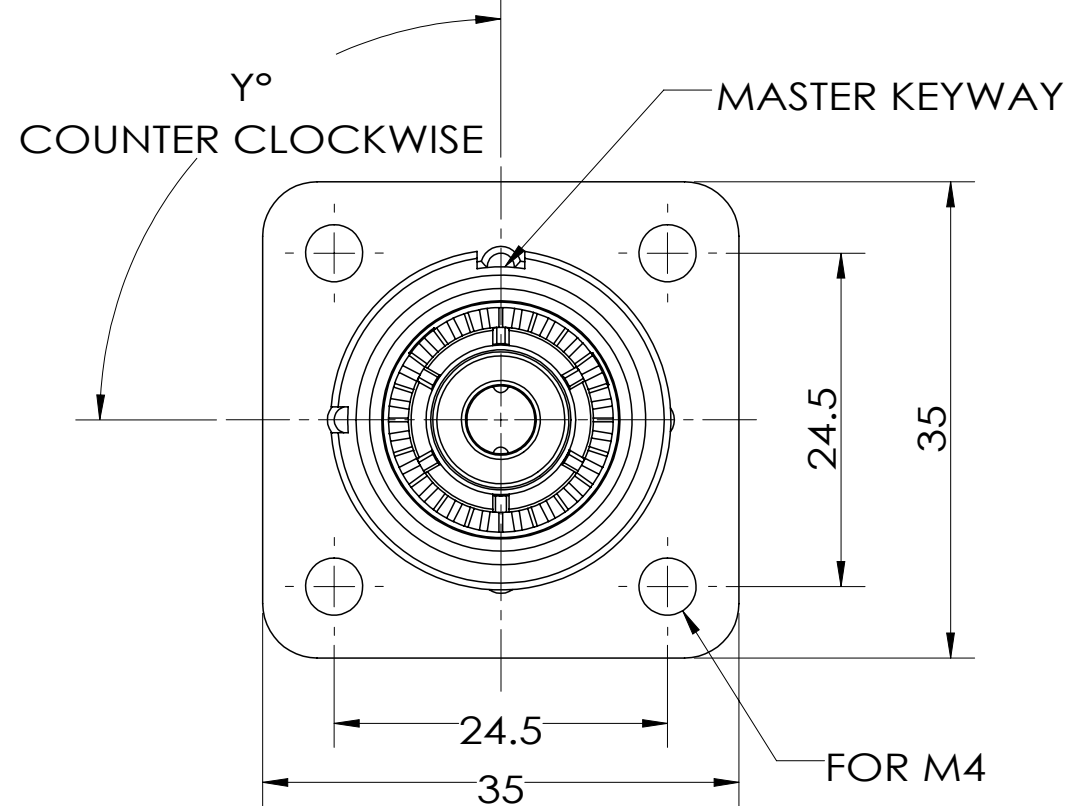
DIM.RANGE	0 - 3	>3-6	>6-30	>30-120	>120-400
TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5

CUSTOMER DRAWING



REVISION

REV.	DESCRIPTION	DATE
H	CORRECT DIMENSION A	2017-02-02
I	ADD 95MM2 CABLE OPTION	2017-09-14
J	ADD NOTE 3 ADD DURABILITY ADD DIA. B & DIM "17.2" CORRECT OPERATING TEMPERATURE	2020-01-16
K	ADD DUST CAP AND NOTE 4	2020-09-09



RECOMMENDED PANEL CUT OUT

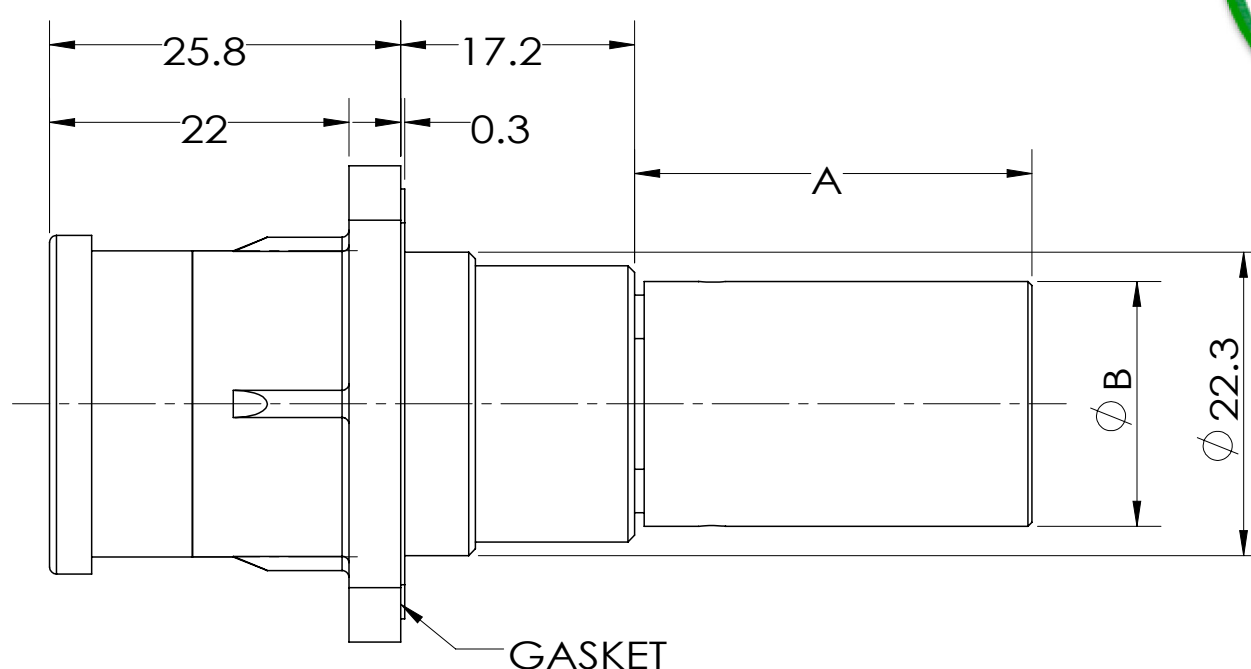
SPECIFICATIONS

CURRENT RATING	200A MAX FOR 50 SQMM 250A MAX FOR 70 SQMM 300A MAX FOR 85 SQMM 350A MAX FOR 95SQMM
OPERATING VOLTAGE	1000V DC MAX.
OPERATING TEMPERATURE (AMBIENT)	-40°C~+105°C
CONTACT RESISTANCE	0.5mΩ MAX.
PROTECTION CLASS	IP67(MATED)
DURABILITY	100 CYCLES MIN

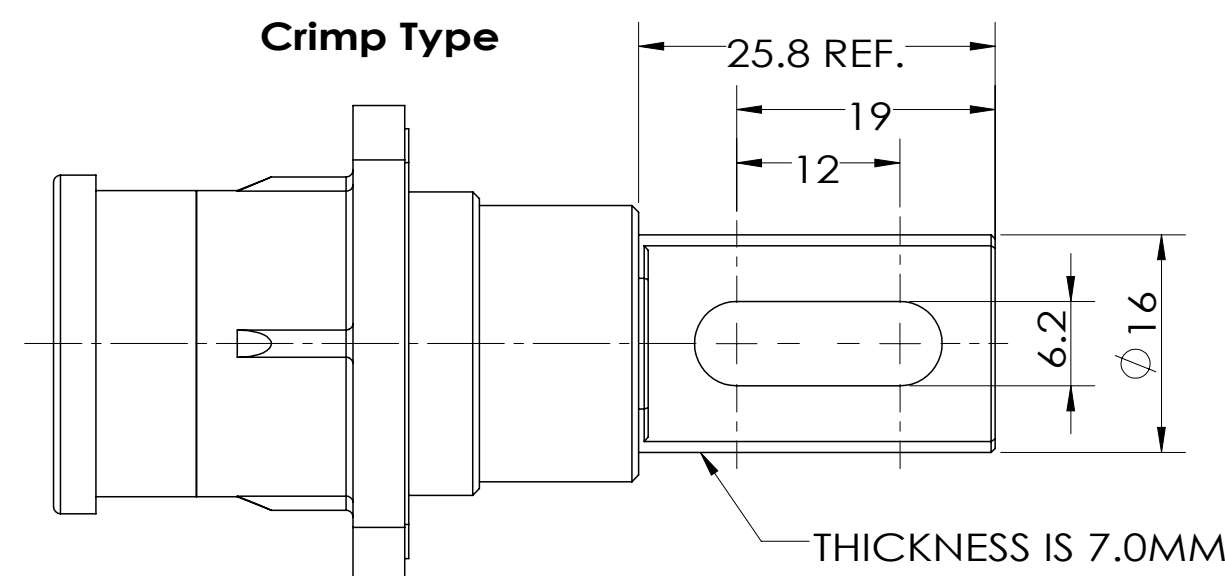
- 4. DUST CAP SHOULD BE REMOVED BEFORE THE PLUG MATING IN. (K)
- 3. RECOMMENDED PRAT NUMBER FOR SCREW TYPE: C10-763709-().
- 2. RECOMMEIF CHOOSE NO SEALING TYPE, THERE WILL BE NO GASKET.
- 1. THE REFERENCED PRODUCT SHALL BE COMPLIANT TO RoHS DIRECTIVE.

NOTES:

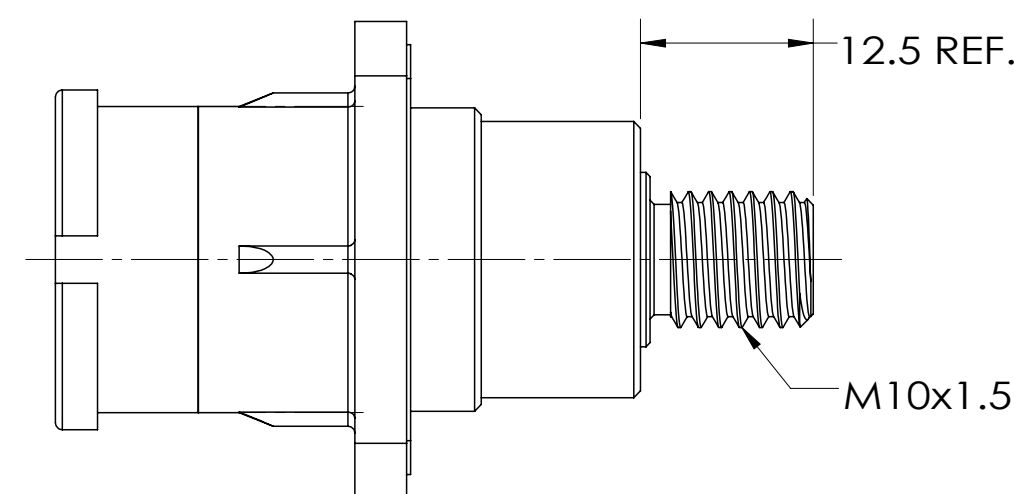
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM THE AMPHENOL CORP.



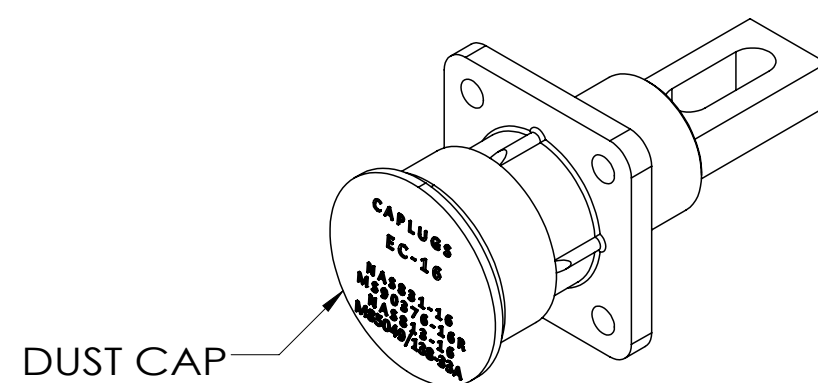
Crimp Type



Busbar Type



Screw Type



(K) DUST CAP ASSEMBLY DIAGRAM

MFG NUMBER: C10-730191-() () () ()

COLOR
PIN TYPE
SEALING
KEYWAY

CODE NUMBER: SLPIRC () P () () ()

PIN TYPE
SEALING
COLOR
KEYWAY

DIMENSION A	DIAMETER B	WIRE SIZE
22.8 REF.	14	50 SQMM
25.8 REF.	16	70 SQMM
28.8 REF.	18	85 SQMM 95 SQMM

ITEM	OPTION	CODE NUMBER	MFG NUMBER
COLOR	ORANGE	O	0
	BLACK	B	1
	RED	R	2
PIN TYPE	50 SQMM CRIMPING	50C	5
	70 SQMM CRIMPING	70C	7
	85 SQMM CRIMPING	85C	8
	95 SQMM CRIMPING		
SEALING	BUSBAR	B	1
	SCREW	T	2
KEYWAY (Y°)	IP67(MATED)	S	0
	NO SEALING	N	1
KEYWAY (Y°)	90°	0	0
	180°	1	1
	60°	2	2
	120°	3	3
KEYWAY (Y°)	150°	4	4

UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE
LINEAR DIMENSIONS ARE IN: MILLIMETERS		PREPARED BY:	YueXiang Zhang	2016-11-13
TOLERANCES: ANGLES= ±2° DEFAULT LINEAR TOLERANCES SEE TABLE		ENGINEER IN CHANGE:	Seven Xie	
DIM. & TOL. PER ASME Y14.5M-1994; DRM PER MIL-DTL-31000; OTHER AMPHENOL STANDARDS: 9-3800		DESIGN MANAGER:	Rob Weng	
LEGENDS: =FLAG NOTE CALL OUT REFERENCE		PRODUCT GROUP:	C&I	
THIRD ANGLE PROJECTION		AIPG DIVISION:		
		MATERIAL SPEC	PROCESS SPEC	
		N/A	N/A	

AMPHENOL INDUSTRIAL OPERATIONS

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

10.3MM SURLOK PLUS RECEPTACLE

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	10-730191-()	K
SCALE: 2:1		REF: N/A	SHEET 1 OF 1

MFG Number	Code Number	MFG Number	Code Number
C10-730191-0100	SLPIRCBPSO0	C10-730191-0810	SLPIRC85CPNO0
C10-730191-0101	SLPIRCBPSO1	C10-730191-0811	SLPIRC85CPNO1
C10-730191-0102	SLPIRCBPSO2	C10-730191-0812	SLPIRC85CPNO2
C10-730191-0103	SLPIRCBPSO3	C10-730191-0813	SLPIRC85CPNO3
C10-730191-0104	SLPIRCBPSO4	C10-730191-1100	SLPIRCBPSB0
C10-730191-0110	SLPIRCBPNO0	C10-730191-1101	SLPIRCBPSB1
C10-730191-0111	SLPIRCBPNO1	C10-730191-1102	SLPIRCBPSB2
C10-730191-0112	SLPIRCBPNO2	C10-730191-1103	SLPIRCBPSB3
C10-730191-0113	SLPIRCBPNO3	C10-730191-1104	SLPIRCBPSB4
C10-730191-0200	SLPIRCTPSO0	C10-730191-1110	SLPIRCBPNB0
C10-730191-0201	SLPIRCTPSO1	C10-730191-1111	SLPIRCBPNB1
C10-730191-0202	SLPIRCTPSO2	C10-730191-1112	SLPIRCBPNB2
C10-730191-0203	SLPIRCTPSO3	C10-730191-1113	SLPIRCBPNB3
C10-730191-0204	SLPIRCTPSO4	C10-730191-1200	SLPIRCTPSB0
C10-730191-0210	SLPIRCTPNO0	C10-730191-1201	SLPIRCTPSB1
C10-730191-0211	SLPIRCTPNO1	C10-730191-1202	SLPIRCTPSB2
C10-730191-0212	SLPIRCTPNO2	C10-730191-1203	SLPIRCTPSB3
C10-730191-0213	SLPIRCTPNO3	C10-730191-1204	SLPIRCTPSB4
C10-730191-0214	SLPIRCTPNO4	C10-730191-1210	SLPIRCTPNB0
C10-730191-0500	SLPIRC50CPSO0	C10-730191-1211	SLPIRCTPNB1
C10-730191-0501	SLPIRC50CPSO1	C10-730191-1212	SLPIRCTPNB2
C10-730191-0502	SLPIRC50CPSO2	C10-730191-1213	SLPIRCTPNB3
C10-730191-0503	SLPIRC50CPSO3	C10-730191-1214	SLPIRCTPNB4
C10-730191-0504	SLPIRC50CPSO4	C10-730191-1310	SLPPB35BNB0
C10-730191-0510	SLPIRC50CPNO0	C10-730191-1500	SLPIRC50CPSB0
C10-730191-0511	SLPIRC50CPNO1	C10-730191-1501	SLPIRC50CPSB1
C10-730191-0512	SLPIRC50CPNO2	C10-730191-1502	SLPIRC50CPSB2
C10-730191-0513	SLPIRC50CPNO3	C10-730191-1503	SLPIRC50CPSB3
C10-730191-0700	SLPIRC70CPSO0	C10-730191-1504	SLPIRC50CPSB4
C10-730191-0701	SLPIRC70CPSO1	C10-730191-1510	SLPIRC50CPNB0
C10-730191-0702	SLPIRC70CPSO2	C10-730191-1511	SLPIRC50CPNB1
C10-730191-0703	SLPIRC70CPSO3	C10-730191-1512	SLPIRC50CPNB2
C10-730191-0704	SLPIRC70CPSO4	C10-730191-1513	SLPIRC50CPNB3
C10-730191-0710	SLPIRC70CPNO0	C10-730191-1700	SLPIRC70CPSB0
C10-730191-0711	SLPIRC70CPNO1	C10-730191-1701	SLPIRC70CPSB1
C10-730191-0712	SLPIRC70CPNO2	C10-730191-1702	SLPIRC70CPSB2
C10-730191-0713	SLPIRC70CPNO3	C10-730191-1703	SLPIRC70CPSB3
C10-730191-0800	SLPIRC85CPSO0	C10-730191-1704	SLPIRC70CPSB4
C10-730191-0801	SLPIRC85CPSO1	C10-730191-1710	SLPIRC70CPNB0
C10-730191-0802	SLPIRC85CPSO2	C10-730191-1711	SLPIRC70CPNB1
C10-730191-0803	SLPIRC85CPSO3	C10-730191-1712	SLPIRC70CPNB2
C10-730191-0804	SLPIRC85CPSO4	C10-730191-1713	SLPIRC70CPNB3

MFG Number	Code Number	MFG Number	Code Number
C10-730191-1800	SLPIRC85CPSB0	C10-730191-2700	SLPIRC70CPSR0

C10-730191-1801	SLPIRC85CPSB1	C10-730191-2701	SLPIRC70CPSR1
C10-730191-1802	SLPIRC85CPSB2	C10-730191-2702	SLPIRC70CPSR2
C10-730191-1803	SLPIRC85CPSB3	C10-730191-2703	SLPIRC70CPSR3
C10-730191-1804	SLPIRC85CPSB4	C10-730191-2704	SLPIRC70CPSR4
C10-730191-1810	SLPIRC85CPNB0	C10-730191-2710	SLPIRC70CPNR0
C10-730191-1811	SLPIRC85CPNB1	C10-730191-2711	SLPIRC70CPNR1
C10-730191-1812	SLPIRC85CPNB2	C10-730191-2712	SLPIRC70CPNR2
C10-730191-1813	SLPIRC85CPNB3	C10-730191-2713	SLPIRC70CPNR3
C10-730191-2100	SLPIRCBPSR0	C10-730191-2800	SLPIRC85CPSR0
C10-730191-2101	SLPIRCBPSR1	C10-730191-2801	SLPIRC85CPSR1
C10-730191-2102	SLPIRCBPSR2	C10-730191-2802	SLPIRC85CPSR2
C10-730191-2103	SLPIRCBPSR3	C10-730191-2803	SLPIRC85CPSR3
C10-730191-2104	SLPIRCBPSR4	C10-730191-2804	SLPIRC85CPSR4
C10-730191-2110	SLPIRCBPNR0	C10-730191-2810	SLPIRC85CPNR0
C10-730191-2111	SLPIRCBPNR1	C10-730191-2811	SLPIRC85CPNR1
C10-730191-2112	SLPIRCBPNR2	C10-730191-2812	SLPIRC85CPNR2
C10-730191-2113	SLPIRCBPNR3	C10-730191-2813	SLPIRC85CPNR3
C10-730191-2200	SLPIRCTPSR0		
C10-730191-2201	SLPIRCTPSR1		
C10-730191-2202	SLPIRCTPSR2		
C10-730191-2203	SLPIRCTPSR3		
C10-730191-2204	SLPIRCTPSR4		
C10-730191-2210	SLPIRCTPNR0		
C10-730191-2211	SLPIRCTPNR1		
C10-730191-2212	SLPIRCTPNR2		
C10-730191-2213	SLPIRCTPNR3		
C10-730191-2214	SLPIRCTPNR4		
C10-730191-2500	SLPIRC50CPSR0		
C10-730191-2501	SLPIRC50CPSR1		
C10-730191-2502	SLPIRC50CPSR2		
C10-730191-2503	SLPIRC50CPSR3		
C10-730191-2504	SLPIRC50CPSR4		
C10-730191-2510	SLPIRC50CPNR0		
C10-730191-2511	SLPIRC50CPNR1		
C10-730191-2512	SLPIRC50CPNR2		
C10-730191-2513	SLPIRC50CPNR3		