

CUSTOMER DRAWING

Rock Yang 2023.5.8

REVISION

ZONE	REV.	DESCRIPTION	DATE
ALL	A	INITIAL RELEASE	2021-08-28
B2,B4	B	ADD MARKING	2022-08-11
A1,B1,A3	C	UPDATE SPECIFICATIONS AND NOTE	2022-12-27
A3	D	UPDATE NOTE:REMOVE CRIMP REDUCER	2023-05-06

PART NUMBER: C10-779597-{}{}{}{}

COLOR
WIRE SIZE
KEY
SEALING

CODE NUMBER: SLPHPD{}B{}{}{}

WIRE SIZE
SEALING
KEY
COLOR

ITEM	DESCRIPTION	PART NUMBER	CODE NUMBER
COLOR	ORANGE	0	O
	BLACK	1	B
	RED	2	R
WIRE SIZE	95 SQMM	1	95
	120 SQMM	2	120
SEALING	IP67(MATED)	0	S
	UNSEALING	1	N
KEY Y°	20°	1	1
	30°	2	2

TABLE 1

KEY(Y°)	KEY CODE
20°	K1
30°	K2

SPECIFICATIONS

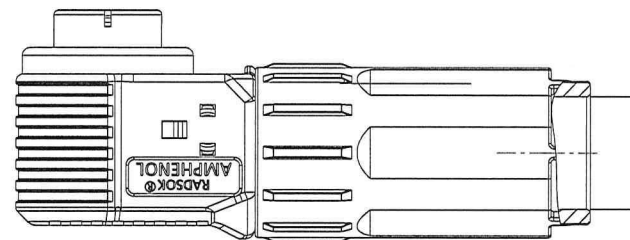
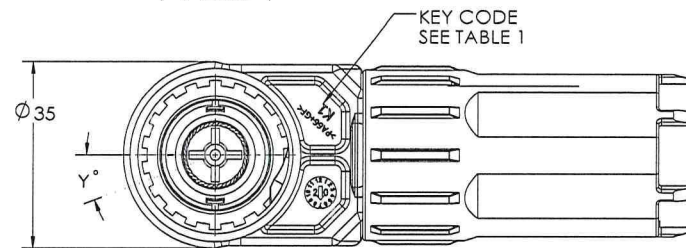
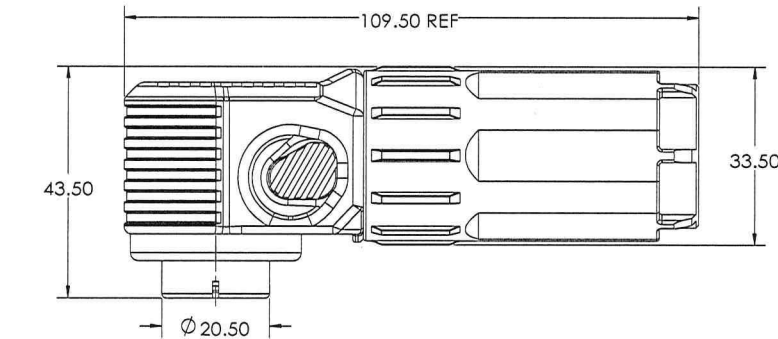
CURRENT RATING	300A MAX FOR 95 SQMM 360A MAX FOR 120 SQMM
VOLTAGE RATING	1500V DC
TEMPERATURE LIMIT	-40°C~125°C
AMBIENT TEMPERATURE	-40°C~80°C
CONDUCTION RESISTANCE OF CONNECTOR	0.5mΩ MAX
PROTECTION CLASS	IP67(MATED)
MATING CYCLE	100 CYCLES

保密等级: 机密
Amphenol Technology(Zhuhai) Co., Ltd
受控文件
CONTROLLED DOCUMENT
禁止复印、拍照、外传

2023.05.15

09:31:51

+08'00'



RECOMMENDED CABLE O.D RANGE:
Ø 18.2±0.5MM FOR 95 SQMM
Ø 21.3±0.5MM FOR 120 SQMM

3. THE BENDING RADIUS OF CABLE SHOULD BE GREATER THAN 5 TIMES OF APPLIED CABLE OD.THE CABLE SHOULD KEEP STRAIGHT GREATER THAN 20MM FROM THE REAR END OF PLUG.

2. IF CHOOSE UNSEALING TYPE,THERE WILL BE NO SEALING PARTS.

1. THE REFERENCED PRODUCT SHALL 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	0-3 >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:	Rock Yang	2021/8/28
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.
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12.0MM SURLOK PLUS PLUG
RIGHT ANGLE 1500V TYPE

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	10-779597	D
SCALE: 2:1		REF: 10-765127	SHEET 1 OF 1