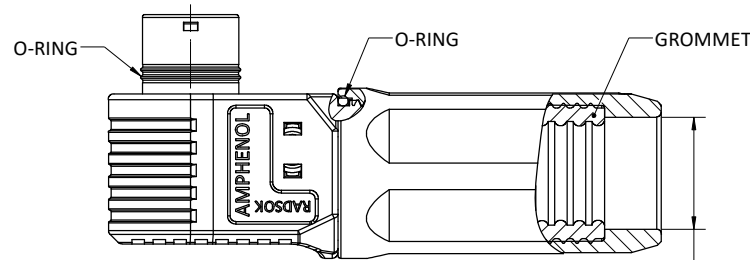
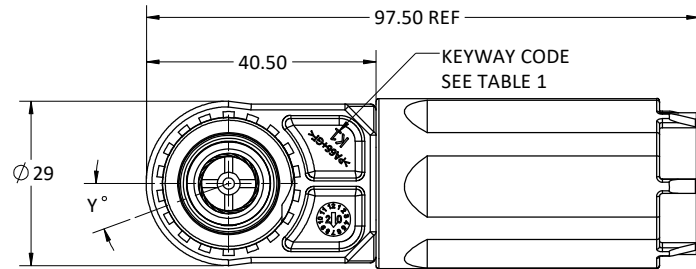
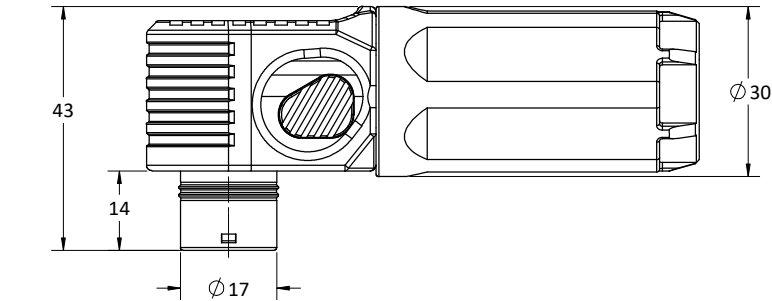
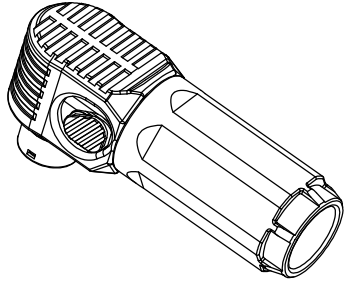


CUSTOMER DRAWING



RECOMMENDED CABLE O.D RANGE:
 $\phi 18.2 \pm 0.3\text{MM}$ FOR 3/0 AWG
 $\phi 15.5 \pm 0.3\text{MM}$ FOR 2/0 AWG

REVISION		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	2020/08/25
B	ADD CODE NUMBER AND KEYWAY	2020/12/22
C	UPDATE SPECIFICATION	2021/01/05
D	UPDATE CABLE SPEC	2021/03/25
E	ADD BLUE OPTION	2022/06/08

PART NUMBER: C10-765127-() () ()

COLOR
WIRE SIZE
KEYWAY
SEALING

CODE NUMBER: SLPHPC()B() ()

WIRE SIZE
SEALING
KEYWAY
COLOR

ITEM	DESCRIPTION	PART NUMBER	CODE NUMBER
COLOR	ORANGE	0	O
	BLACK	1	B
	RED	2	R
	BLUE	3	L
WIRE SIZE	3/0 AWG	9	95
	2/0 AWG	7	70
SEALING	IP67(MATED)	0	S
	UNSEALING	1	N
KEYWAY Y°	20°	1	1
	30°	2	2
	45°	3	3

TABLE 1	
KEYWAY(Y°)	KEYWAY CODE
20°	K1
30°	K2
45°	K3

SPECIFICATIONS	
CURRENT RATING	300A MAX FOR 3/0 AWG 250A MAX FOR 2/0 AWG
VOLTAGE RATING	1500V DC
OPERATING TEMPERATURE (AMBIENT)	-40°C~125°C
CONTACT RESISTANCE	0.5mΩ MAX
PROTECTION CLASS	IP67(MATED)

2. IF CHOOSE UNSEALING TYPE,THERE WILL BE NO O-RINGS AND GROMMET.

1. THE REFERENCED PRODUCT SHALL COMPLIANT TO ROHS DIRECTIVE.

NOTES

THE USE OF THIS DOCUMENT IS UNLIMITED.
HOWEVER, DOCUMENTS REFERENCED HEREON
MAY CONTAIN LIMITED RIGHTS DATA.

N/A

Next Assembly

UNLESS OTHERWISE SPECIFIED	
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 = $\pm 2^\circ$	
DIM. & TOL. PER ASME Y14.5M-1994;	
DRM PER MIL-DTL-31000;	
OTHER AMPHENOL STANDARDS: 9-9318	
THIRD ANGLE PROJECTION	



APPROVALS		DATE
PREPARED BY:	YUE XIANG ZHANG	Aug-25-20
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.
No. 63 Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC

10.3MM SURLOK PLUS PLUG RIGHT ANGLE 1500V TYPE

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	10-765127	E
SCALE: 2:1		REF: 10-761122-()	SHEET 1 OF 1