

GENERAL TOLERANCE

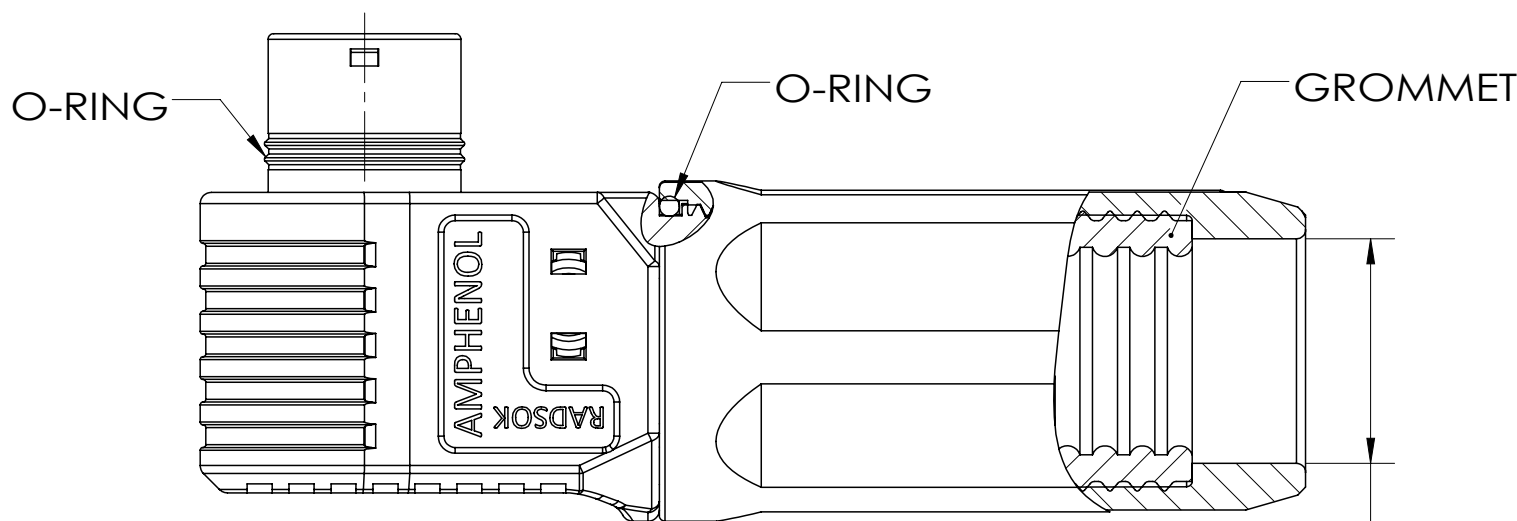
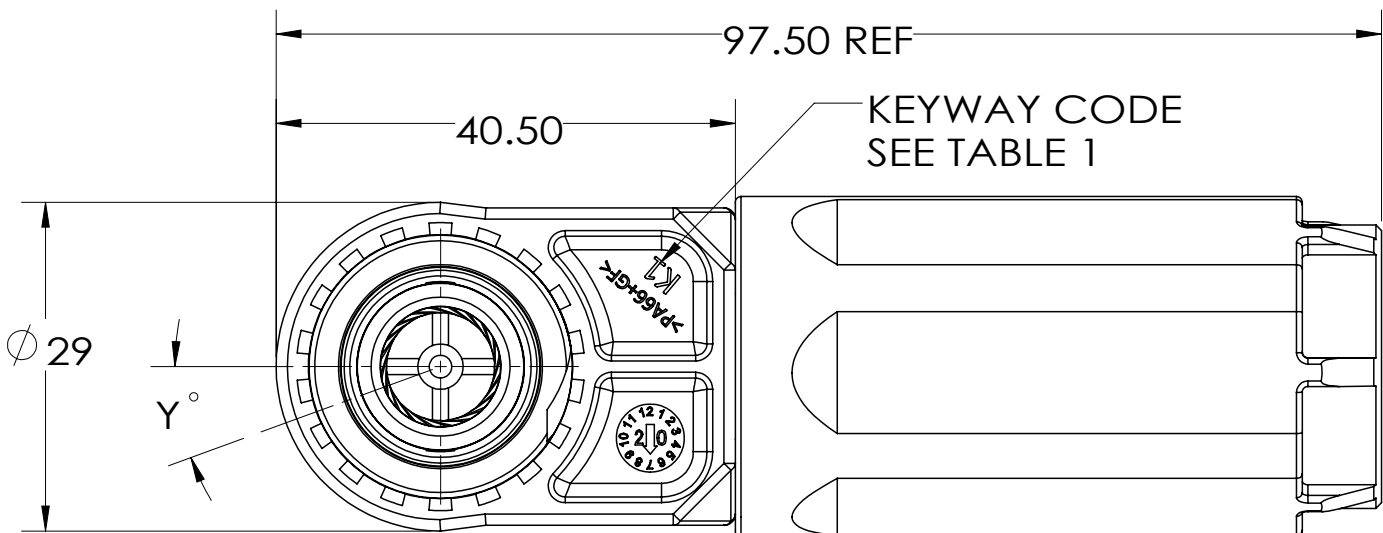
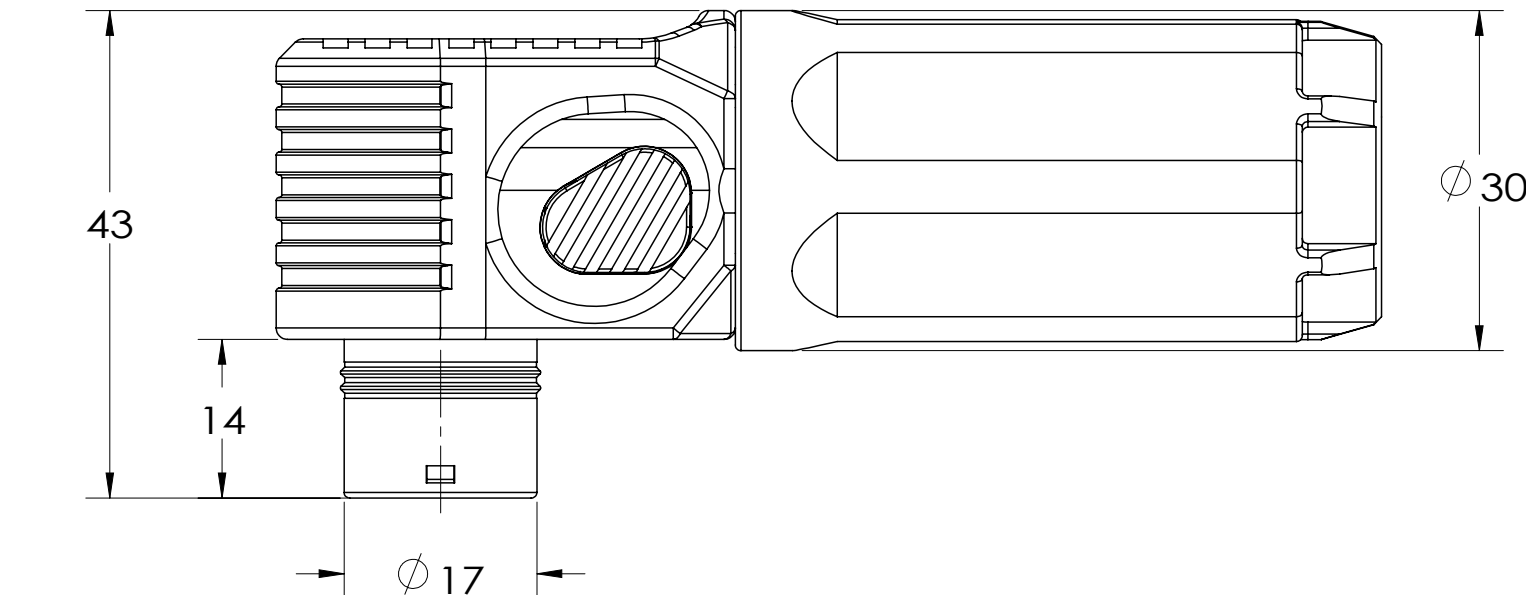
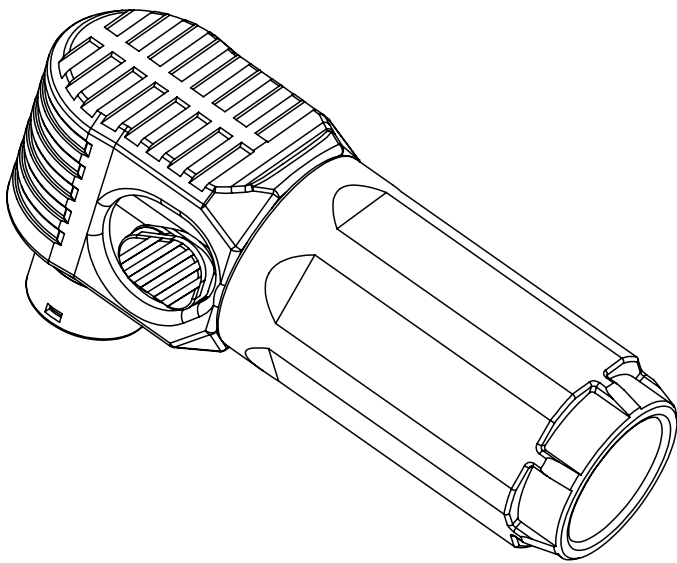
DIM.RANGE	0 - 3	>3-6	>6-30	>30-120	>120-400
TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5

CUSTOMER DRAWING



REVISION

REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	2020-08-25
B	ADD CODE NUMBER AND KEYWAY	2020/12/22
C	UPDATE SPECIFICATION	2021/1/5
D	UPDATE CABLE SPEC	2021/3/25



RECOMMENDED CABLE O.D RANGE:
Ø 18.2±0.3MM FOR 3/0 AWG
Ø 15.5±0.3MM FOR 2/0 AWG

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
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:

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UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE
LINEAR DIMENSIONS ARE IN: MILLIMETERS TOLERANCES: ANGLES= ±2° DEFAULT LINEAR TOLERANCES SEE TABLE DIM. & TOL. PER ASME Y14.5M-1994; DRM PER MIL-DTL-31000; OTHER AMPHENOL STANDARDS: 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE THIRD ANGLE PROJECTION		PREPARED BY:	YUEXIANG ZHANG	Aug-25-20
		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

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10.3MM SURLOK PLUS PLUG
RIGHT ANGLE 1500V TYPE

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