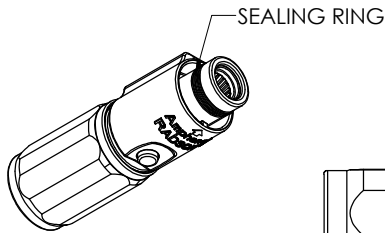


D

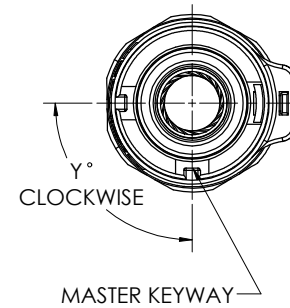
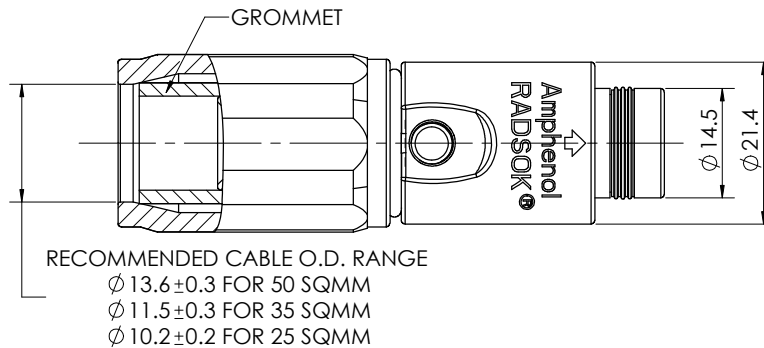
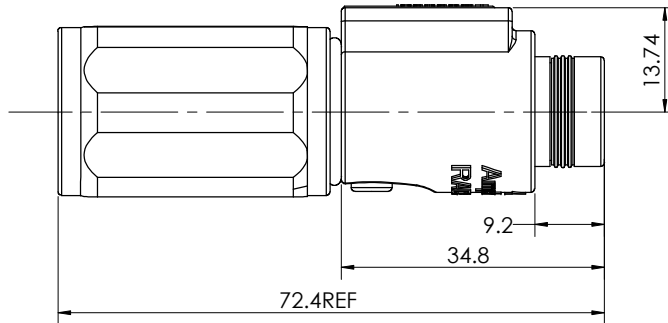
C

B

A



CUSTOMER DRAWING



REVISION		
REV.	DESCRIPTION	DATE
I	UPDATE CURRENT & TEMP. RATING	2016-11-13
J	UPDATE SPECIFICATIONS TABLE CORRECT OPERATING TEMPERATURE	2020-01-16
K	CORRECTED MFG NUMBER	2020-07-13
L	ADD NO KEYWAY TYPE	2020-11-11
M	CORRECT CURRENT RATING	2022-03-04

MFG NUMBER: C10-731951-() () () ()

COLOR
WIRE SIZE
KEYWAY
SEALING

CODE NUMBER: SLPIPB () B () () ()

WIRE SIZE
SEALING
COLOR
KEYWAY

ITEM	OPTION	CODE NUMBER	MFG NUMBER
COLOR	ORANGE	O	0
	BLACK	B	1
	RED	R	2
WIRE SIZE	50 SQMM CRIMPING	50	1
	35 SQMM CRIMPING	35	0
	25 SQMM CRIMPING	25	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
	NO KEYWAY	OMIT	5

SPECIFICATIONS

CURRENT RATING	120A MAX FOR 25 SQMM 150A MAX FOR 35 SQMM 200A MAX FOR 50 SQMM
OPERATING VOLTAGE	1000V DC MAX.
OPERATING TEMPERATURE (AMBIENT)	-40°C~+105°C
CONTACT RESISTANCE	0.5 mΩ MAX.
PROTECTION CLASS	IP67(MATED)
DURABILITY	100 CYCLES MIN

2. IF CHOOSE NO SEALING OPTION, THERE WILL BE NO SEALING RINGS AND GROMMET.

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.

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:	Thor Yan	2016-05-13
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

8.0MM SURLOK PLUS PLUG STRAIGHT TYPE

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	10-731951-()	M
SCALE: 2:1		REF: N/A	SHEET 1 OF 1

4

3

2

1