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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

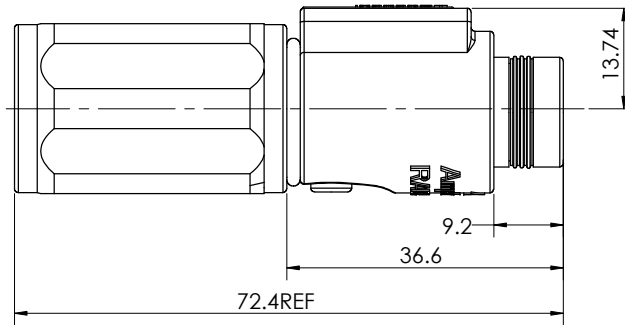
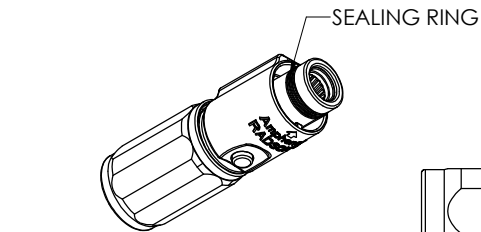
REV.	DESCRIPTION	DATE
H	CORRECTION LOCATION OF MASTER KEYWAY	2016-09-02
I	UPDATE CURRENT & TEMP.RATING	2016-11-13
J	UPDATE SPECIFICATIONS TABLE CORRECT OPERATING TEMPERATURE	2020-01-16
K	CORRECTED MFG NUMBER	2020-07-13
L	ADD NO KEYWAY TYPE	2020-11-11

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

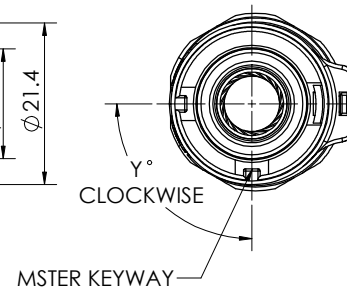
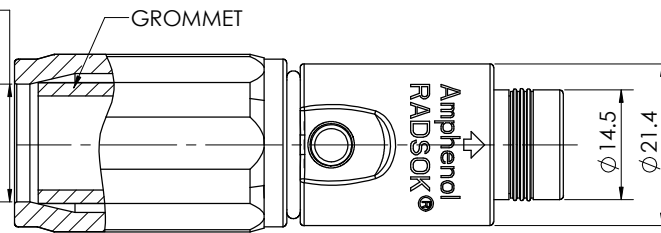
COLOR
WIRE SIZE
KEYWAY
SEALING

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

WIRE SIZE
SEALING
COLOR
KEYWAY



RECOMMENDED CABLE O.D. RANGE
Ø 13.6±0.3 FOR 50 SQMM
Ø 11.5±0.3 FOR 35 SQMM
Ø 10.2±0.2 FOR 25 SQMM



SPECIFICATIONS

CURRENT RATING	120A MAX FOR 50 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

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

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.

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:	Thor Yan		2016-05-13
	ENGINEER IN CHANGE:	Thor Yan		
	DESIGN MANAGER:	Rob Weng		
	PRODUCT GROUP:	C&I		
	AIPG DIVISION:			
		MATERIAL SPEC	PROCESS SPEC	
		N/A	N/A	

AMPHENOL INDUSTRIAL OPERATIONS
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-()	L
SCALE: 2:1		REF: N/A	SHEET 1 OF 1

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