

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	2018-05-15
B	VISUAL CHANGE OF REAR SHELL AND BOTTOM	2018-05-28
C	UPDATE SPECIFICATIONS TABLE CORRECT OPERATING TEMPERATURE	2020-01-16

MFG NUMBER DESCRIPTION: C10-752785-() () ()

COLOR

WIRE SIZE

SEALING

KEYWAY

CODE NUMBER DESCRIPTION: SLPIPA()B() () ()

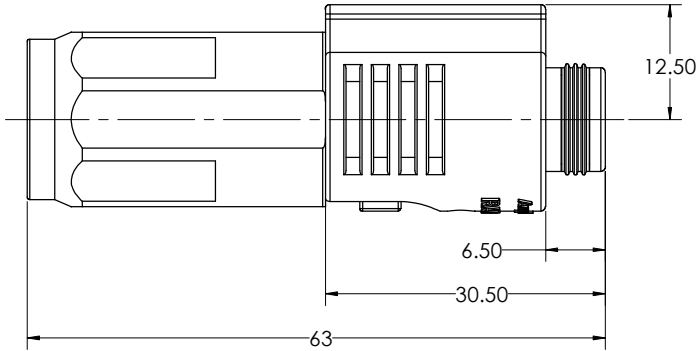
WIRE SIZE

SEALING

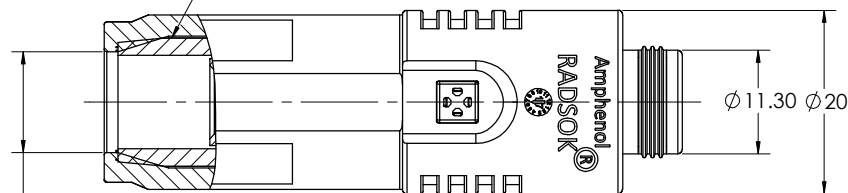
COLOR

KEYWAY

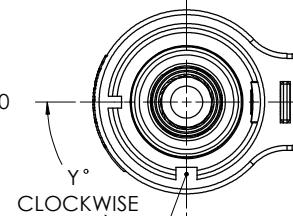
SEALING RING



GROMMET



RECOMMENDED CABLE OD RANGE
Ø8.10±0.2MM FOR 16MM2 CABLE
Ø10.2±0.2MM FOR 25MM2 CABLE



MASTER KEYWAY

SPECIFICATIONS

CURRENT RATING	120 Amps MAX FOR 25MM2 100 Amps MAX FOR 16MM2
OPERATING VOLTAGE	1000V DC MAX.
OPERATING TEMPERATURE (AMBIENT)	-40°C~+105°C
CONTACT RESISTANCE	0.5mΩ MAX.
PROTECTION CLASS	IP67(MATED)
DURABILITY	100 CYCLES MIN

ITEM	OPTION	MFG NUMBER	CODE NUMBER
COLOR	ORANGE	0	O
	BLACK	1	B
	RED	2	R
WIRE SIZE	16MM2 CRIMPING	3	16
	25MM2 CRIMPING	0	25
	IP67(MATED)	0	S
SEALING	NO SEALING	1	N
	NO KEYWAY	OMIT	OMIT
KEYWAY (Y°)	90°	0	0
	180°	1	1
	60°	2	2
	120°	3	3
	150°	4	4

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

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



APPROVALS

PREPARED BY:	THOR YAN
ENGINEER IN CHARGE:	SEVEN XIE
DESIGN MANAGER:	ROB WENG
PRODUCT GROUP:	C&3
AIPG DIVISION:	

MATERIAL SPEC

N/A

PROCESS SPEC

N/A

DATE

2018-05-15

AMPHENOL INDUSTRIAL OPERATIONS

Amphenol Technology(Zhuhai)Co.,Ltd
No.63, Xinghan Road, Sanzao Town, Jinwan, Zhuhai, PRC

5.7MM SURLOK PLUS PLUG
STRAIGHT TYPE

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	10-752785-()	C

SCALE: 2.5:1 REF: C10-730186-() SHEET 1 OF 1