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GENERAL TOLERANCE

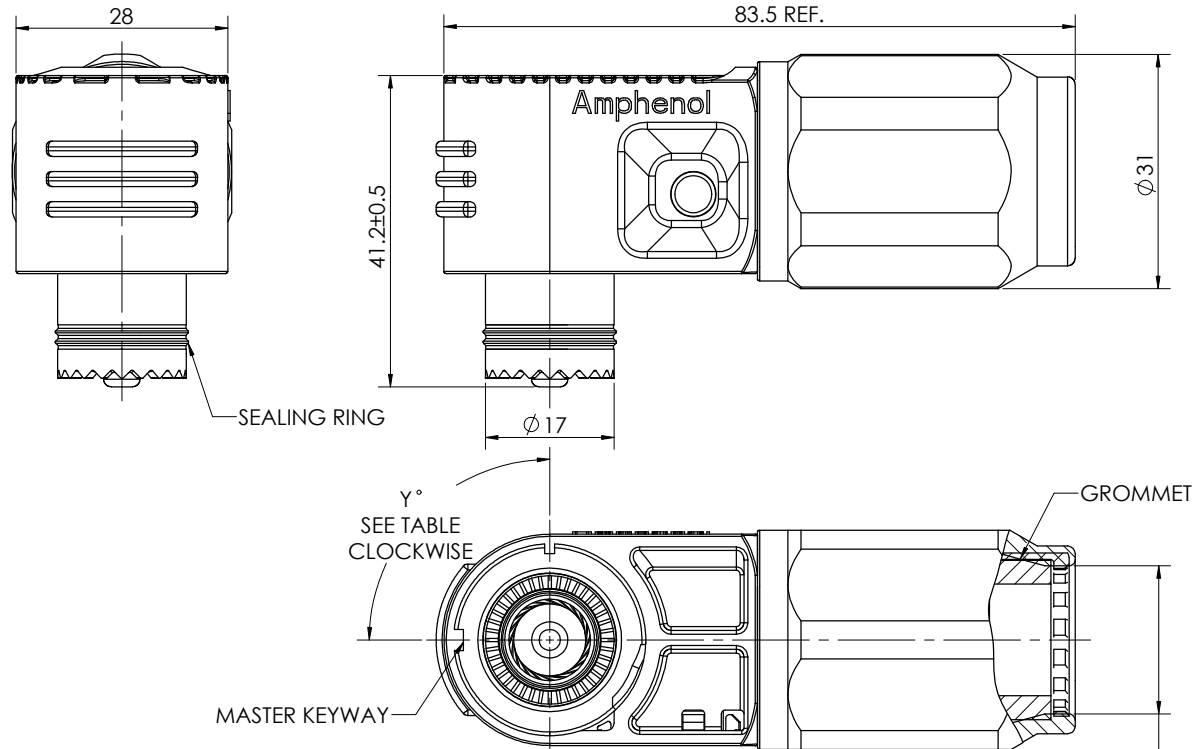
DIM. RANGE	0 - 3	>3-6	>6-30	>30-120	>120-400
TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5

CUSTOMER DRAWING



REVISION

REV.	DESCRIPTION	DATE
F	UPDATE CURRENT & TEMP. RANGE ADD RECOMMENDED CABLE RANGE	2016-11-13
G	DESIGN CHANGE	2017-01-11
H	ADD 95MM2 CABLE OPTION	2017-09-14
I	ADD SPECIFICATIONS TABLE CORRECT OPERATING TEMPERATURE	2020-01-16



MFG NUMBER: C10-730190-() () () ()

COLOR
WIRE SIZE
SEALING
KEYWAY

CODE NUMBER: SLPPC () B () () ()

WIRE SIZE
SEALING
COLOR
KEYWAY

SPECIFICATIONS

CURRENT RATING	200A MAX FOR 50 SQMM 250A MAX FOR 70 SQMM 300A MAX FOR 85 SQMM 350A MAX FOR 95 SQMM
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

RECOMMENDED CABLE O.D. RANGE

- Ø 13.6±0.3MM FOR 50 SQMM
- Ø 15.5±0.3MM FOR 70 SQMM
- Ø 18.2±0.3MM FOR 85 SQMM
- Ø 18.2±0.3MM FOR 95 SQMM

3. 50 SQMM AND 70SQMM AND 85SQMM WIRE CRIMP PLUG USE THE SAME CRIMP DIE AS 95 SQMM, SUPPLIED WITH A PRE-ASSEMBLED CRIMP REDUCER FOR 50 SQMM OR 70 SQMM SIZE.

2. IF CHOOSE NO SEALING TYPE, WILL BE NO O-RING AND GROMMET.

1. THE REFERENCED PRODUCT SHALL 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;
DRW PER MIL-DTL-31000;
OTHER AMPHENOL STANDARDS: 9-3800

LEGENDS:

△ = FLAG NOTE CALL OUT REFERENCE

THIRD ANGLE PROJECTION



APPROVALS

PREPARED BY:	THOR YAN	DATE	2016-11-13
ENGINEER IN CHANGE:	SEVEN XIE		
DESIGN MANAGER:	ROB WENG		
PRODUCT GROUP:	C&3		
AIPG DIVISION:			

MATERIAL SPEC

N/A

PROCESS SPEC

N/A

AMPHENOL INDUSTRIAL OPERATIONS

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

10.3MM SURLOK PLUS PLUG
RIGHT ANGLE TYPE

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	10-730190-()	I

SCALE: 2:1

REF: N/A

SHEET 1 OF 1

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