

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

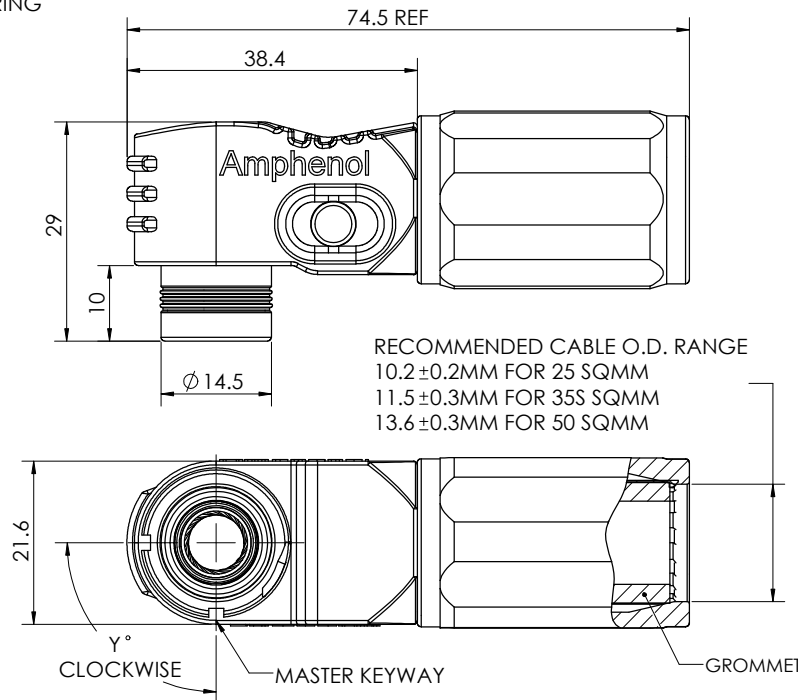
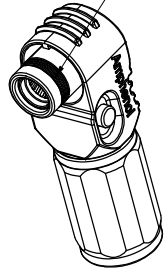
CUSTOMER DRAWING



REVISIONS

REV.	DESCRIPTION	DATE
H	ADD 25AQMM OPTION	2017-03-10
I	ADD CABLE RANGE	2017-04-26
J	UPDATE SPECIFICATIONS TABLE CORRECT OPERATING TEMPERATURE	2020-01-16

SEALING RING



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	0.5mΩ MAX.
DURABILITY	100 CYCLES MIN
PROTECTION CLASS	IP67(MATED)

MFG NUMBER: C10-730188-() () () ()

COLOR
WIRE SIZE
SEALING
KEYWAY

CODE NUMBER: SLPPB () 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	0
	35 SQMM CRIMPING	35	3
	25 SQMM CRIMPING	25	2
SEALING	IP67(MATED)	S	0
	NO SEALING	N	1
KEYWAY (Y°)	NO KEYWAY	OMIT	OMIT
	90°	0	0
	180°	1	1
	60°	2	2
	120°	3	3
	150°	4	4

3. 25SQMM AND 35SQMM WIRE CRIMP PLUG USE THE SAME CRIMP DIE AS 50SQMM, SUPPLIED WITH A PRE-ASSEMBLED CRIMP REDUCER.

2. IF CHOOSE NO SEALING OPTION, THERE WILL BE NO SEALING RING 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&I
AIPG DIVISION:

DATE

Mar-09-15

MATERIAL SPEC

N/A

PROCESS SPEC

N/A

AMPHENOL INDUSTRIAL OPERATIONS

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8.0MM SURLOK PLUS PLUG
RIGHT ANGLE TYPE

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	10-730188-()	J
SCALE: 2:1	REF:	N/A	SHEET 1 OF 1