

4

AMPHENOL CODE NUMBER

APC07-20-32P()

APC07-20-32P()O

COLOR

BLACK

ORANGE

3

CUSTOMER DRAWING

2

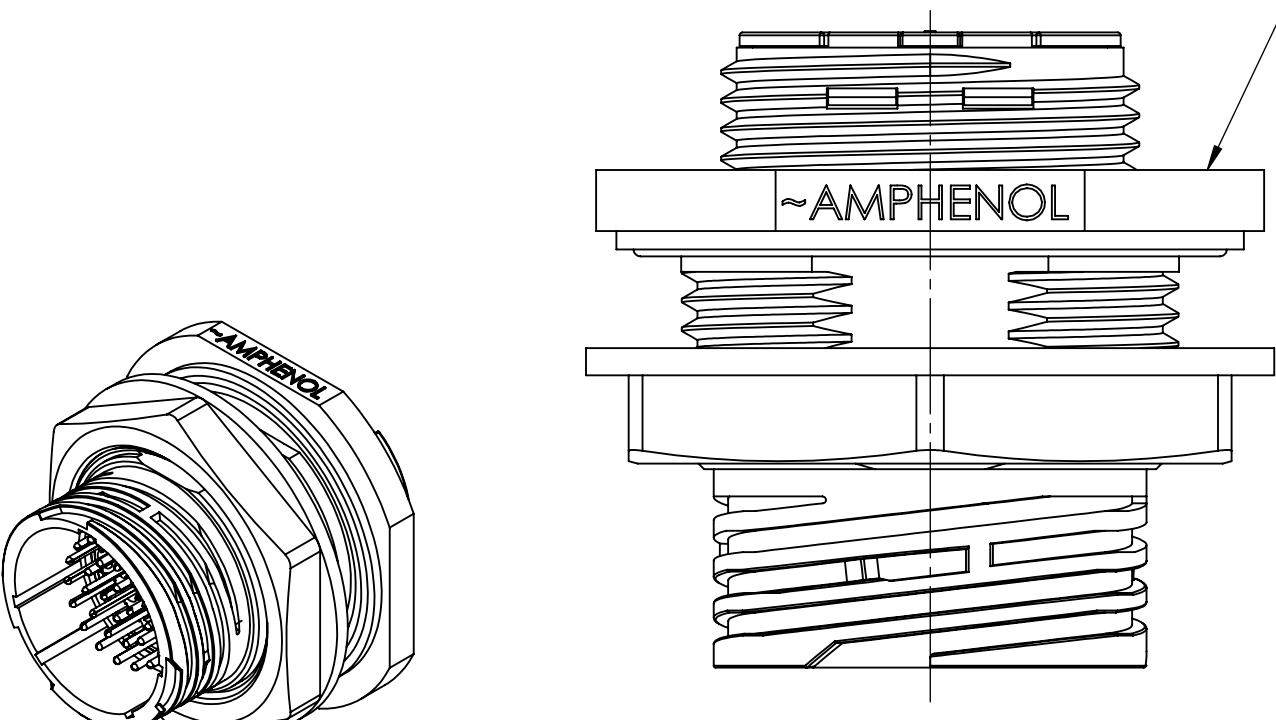
1

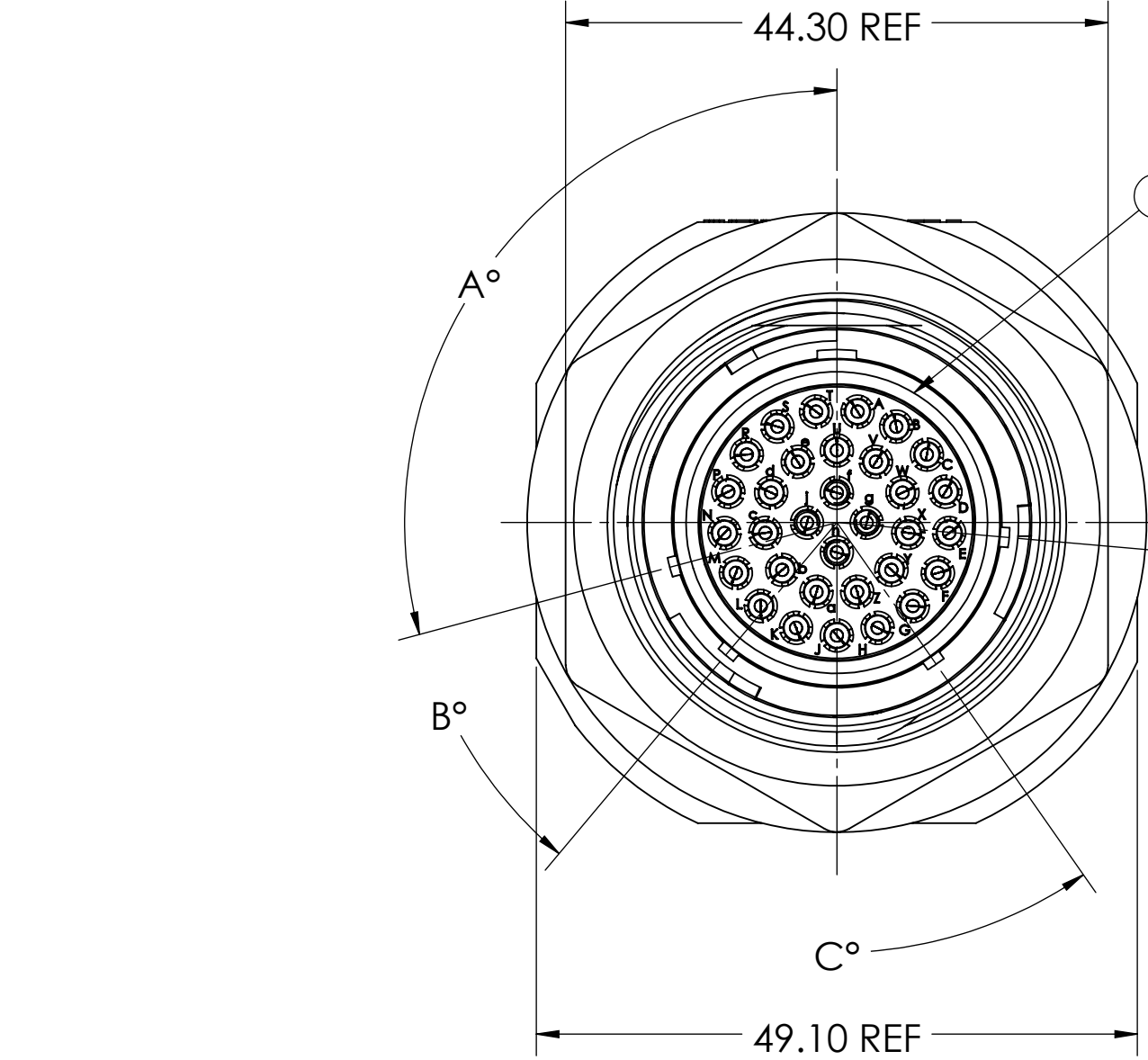
REVISIONS

ZONE	REV.	DESCRIPTION	DATE
	PA1	INITIAL RELEASE	2023/11/29

KEYWAYS POSITION
SEE TABLE III

STAMP :
~AMPHENOL APC07-24-4S XXXX





RECOMMEND PANEL CUTOUT DIMENSION

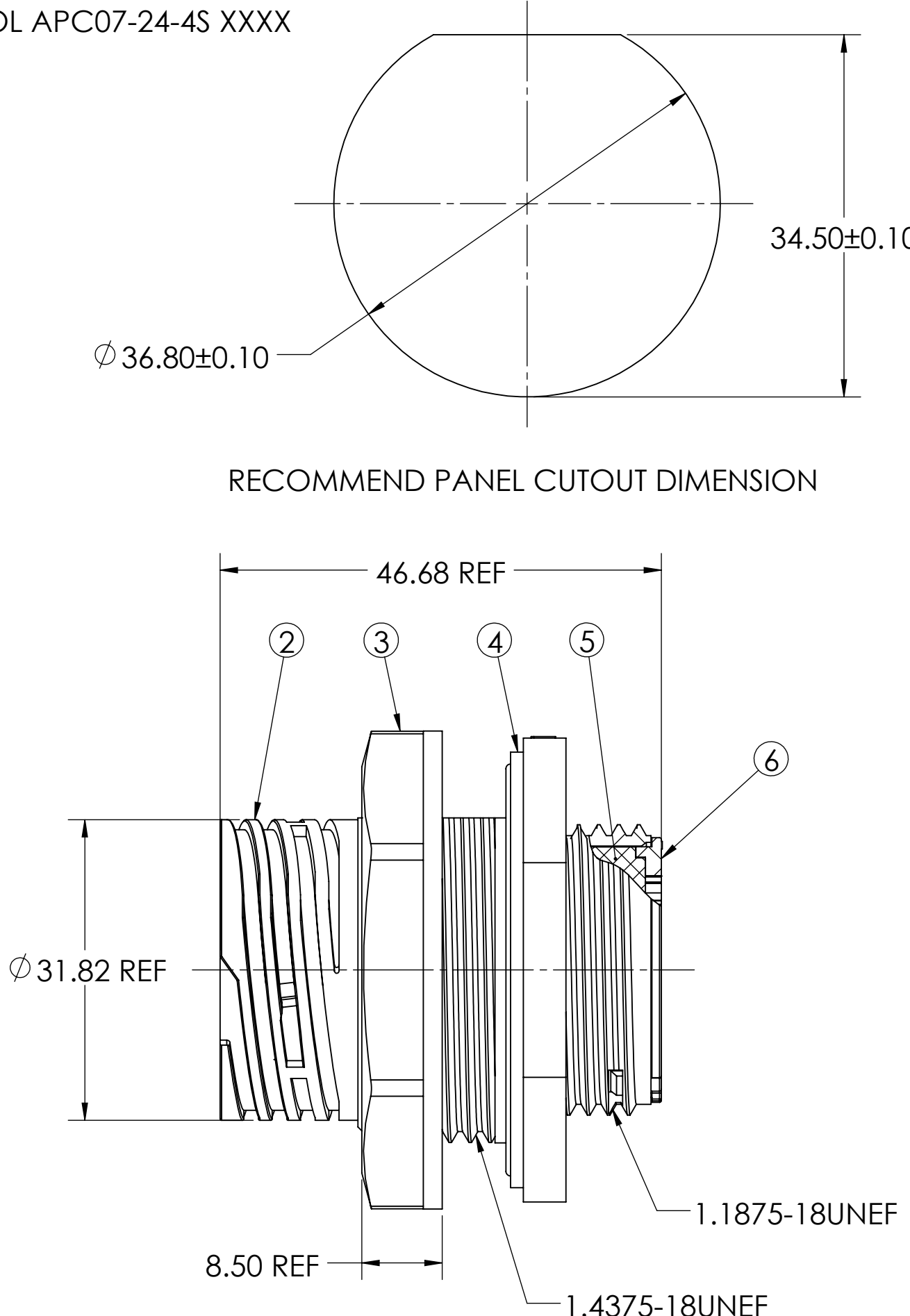


TABLE I

SPECIFICATIONS

CONTACT SIZE	SIZE 20
RATED CURRENT	7.5 Amps
OPERATING VOLTAGE	250VAC
DIELECTRIC WITHSTANDING VOLTAGE	1500VAC
OPERATING TEMPERATURE	-40~+105°C
INSULATION RESISTANCE	1000 MEGOHMS MIN (AT 25°C)
NUMBER OF CONTACTS	32 PINS
WIRE SIZE	20-22 AWG
DURABILITY	100 CYCLES
PROTECTIVE CLASS	IP67(MATED)

TABLE II

CONTACT P/N	CONTACT SIZE	WIRE SIZE	WIRE OD
C10-738774-201	SIZE 20	20-22 AWG	1.3-2.2mm

TABLE III

KEYWAYS CODE	A	B	C	D
N/A	105°	140°	215°	265°
W	60°	140°	225°	265°
X	75°	140°	200°	265°
Y	90°	140°	185°	265°
Z	115°	140°	170°	265°

6	1	COVER	NYLON, UL94 V-0
5	1	GROMMET	RUBBER, UL94 V-0
4	1	GASKET	RUBBER, UL94 V-0
3	1	HEX NUT	NYLON, UL94 V-0
2	1	PLUG HOUSING	NYLON, UL94 V-0
1	1	SEALING RING	RUBBER, UL94 V-0
POS	QTY	DESCRIPTION	MATERIAL

PARTS LIST

AMPHENOL CORPORATION

Amphenol Technology (Zhuhai) Co. Ltd.

No. 63 Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC

CONNECTOR, ELECTRICAL RECEPTACLE^U

TYPE : APC07-20-32P() ()

APC SERIES, SIZE 20

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	APC07-20-32P() ()	PA1

SCALE: 2:1 REF: SHEET 1 OF 1

4

RECOMMENDED PANEL THICKNESS: 7.0mm MAX

THIS P/N DOES NOT CONTAIN CONTACTS, WHICH SHOULD BE PURCHASED SEPARATELY. (CONTACT P/N: SEE TABLE II)

THE REFERENCED PRODUCT SHALL BE COMPLIANT RoHS DIRECTIVE.

NOTES

THE USE OF THIS DOCUMENT IS UNLIMITED.
HOWEVER, DOCUMENTS REFERENCED HEREON
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Next Assembly

2

UNLESS OTHERWISE SPECIFIED

LINEAR DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:

DIM. RANGE	0.5-3	>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

PREPARED BY:	Andy Zhang	2023/11/29
LEAD/PRODUCT ENGINEER:	Andy Zhang	
ENGINEERING MANAGER:	Ran.Xiao	
PRODUCT GROUP:	C&I	
AIPG DIVISION:	AIO	

MATERIAL SPEC

N/A

PROCESS SPEC

N/A

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