

4

3

2

1

AMPHENOL CODE NUMBER	COLOR
APC07-24-4S()	BLACK
APC07-24-4S()O	ORANGE

KEYWAYS POSITION
SEE TABLE III

STAMP :
~AMPHENOL APC07-24-4S XXXX

~AMPHENOL

42.60±0.10

Ø 44.80±0.10

RECOMMEND PANEL CUTOUT DIMENSION

1

A°

B°

C°

50.80 REF
3 PLACES

56.00 REF
2 PLACES

2

3

4

5

6

58.76 REF

Ø 39.47 REF

6.50 REF

1.4375-18UNEF

1.7500-18UNEF

SOCKET CONTACT,
C10-791823-081, 4 PCS,
SEE NOTE 2

NOTES

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

CUSTOMER DRAWING

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	PA1	INITIAL RELEASE	2023/8/10

TABLE I

SPECIFICATIONS

CONTACT SIZE	SIZE 8
RATED CURRENT	70 Amps
OPERATING VOLTAGE	1000VAC
DIELECTRIC WITHSTANDING VOLTAGE	3000VAC
OPERATING TEMPERATURE	-40~+105°C
INSULATION RESISTANCE	1000 MEGOHMS MIN (AT 25°C)
NUMBER OF CONTACTS	4 SOCKETS
WIRE SIZE	8 AWG
DURABILITY	500 CYCLES
PROTECTIVE CLASS	IP67(MATED)

TABLE II

CONTACT P/N	CONTACT SIZE	WIRE SIZE
C10-791823-081	SIZE 8	8 AWG

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 : APC07-24-4S() ()

APC SERIES, SIZE 24

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	APC07-24-4S() ()	PA1
SCALE: 2:1		REF:	SHEET 1 OF 1

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

DATE

PREPARED BY:
LEAD/PRODUCT ENGINEER:
ENGINEERING MANAGER:
PRODUCT GROUP:
AIPG DIVISION:

Andy Zhang
Andy Zhang
Ran.Xiao
C&I
AIO

2023/8/10

MATERIAL SPEC

PROCESS SPEC

N/A

N/A