

AMPHENOL CODE NUMBER	COLOR
APC06-20-32S ()	BLACK
APC06-20-32S (JO)	ORANGE

CUSTOMER DRAWING

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	PA1	INITIAL RELEASE	2023/11/29
B2	PA2	UPDATE CONTACT P/N	2024/1/31

KEYWAYS POSITION
SEE TABLE III

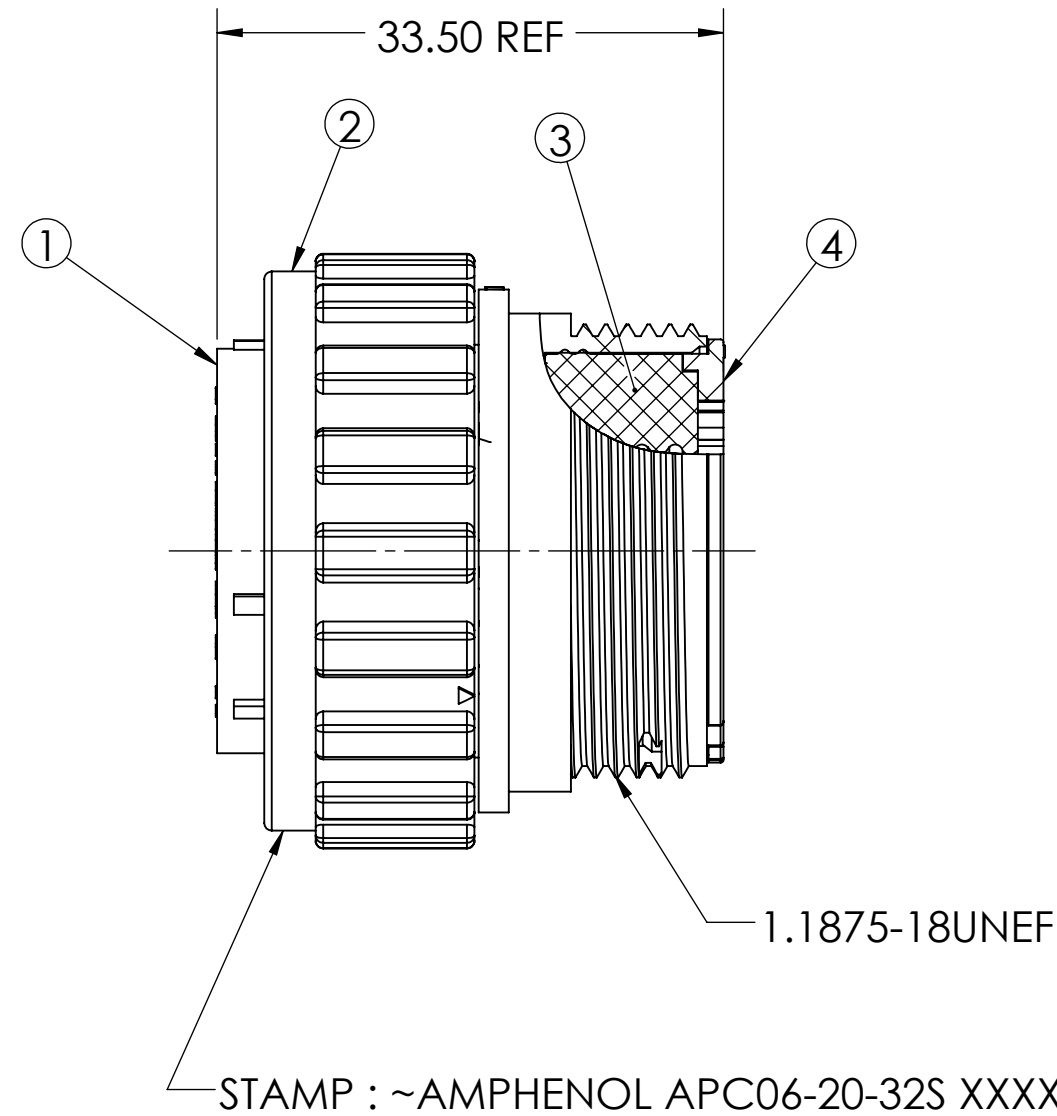
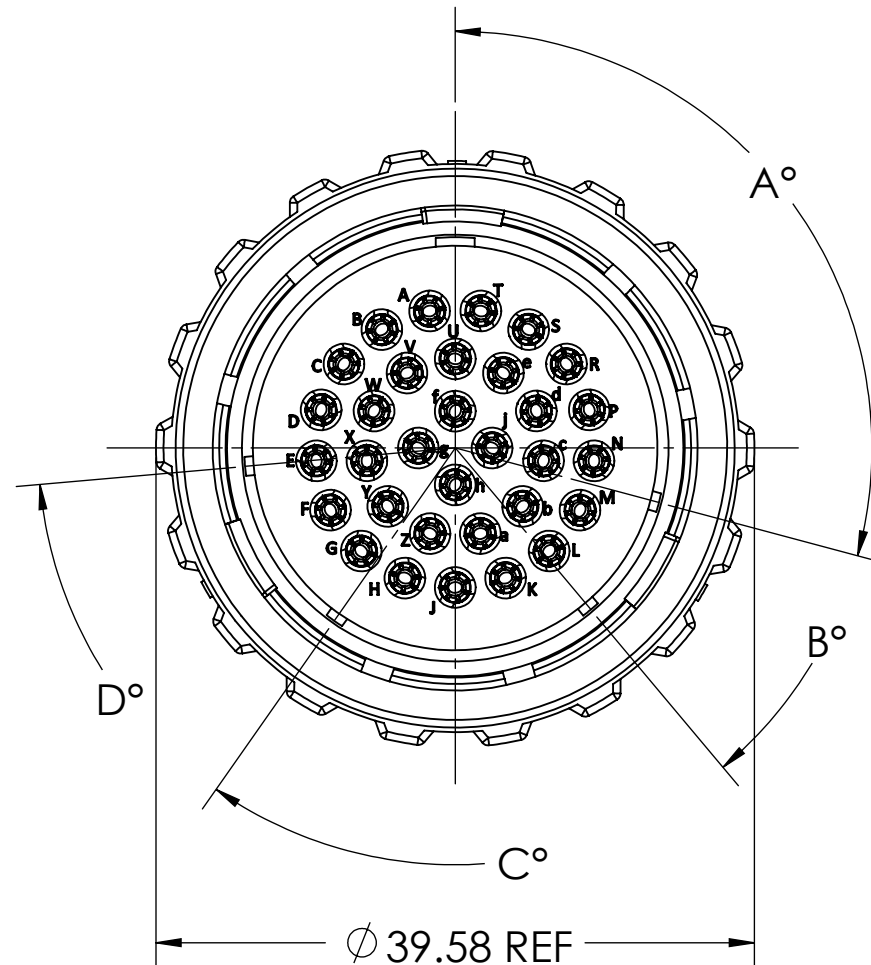


TABLE I	
SPECIFICATIONS	
CONTACT SIZE	SIZE 20
RATED CURRENT	7.5 Amps
OPERATING VOLTAGE	250VAC
DIELECTRIC WITHSTANDING VOLTAGE	1500VAC
OPERATING TEMPERATURE	-40~+105°C
INSULATION RESISTANCE	1000 MEGOHMS MIN (AT 25°C)
NUMBER OF CONTACTS	32 SOCKETS
WIRE SIZE	20-22 AWG
DURABILITY	100 CYCLES
PROTECTIVE CLASS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

TABLE II			
CONTACT P/N	CONTACT SIZE	WIRE SIZE	WIRE OD
C10-780111-201	SIZE 20	20-22 AWG	1.3-2.2mm

TABLE III				
KEYWORDS 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°

4	1	COVER	NYLON, UL94 V-0
3	1	GROMMET	RUBBER, UL94 V-0
2	1	COUPLING NUT	PBT, UL94 V-0
1	1	PLUG HOUSING	NYLON, UL94 V-0
POS	QTY	DESCRIPTION	MATERIAL

PARTS LIST

AMPHENOL INDUSTRIAL OPERATIONS

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

ELECTRICAL CONNECTOR, PLUG
TYPE : APC06-20-32S() ()
APC SERIES, SIZE 20

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	APC06-20-32S() ()	PA2
SCALE: 2:1	REF:	SHEET 1 OF 1	

2. THIS P/N DOES NOT CONTAIN CONTACTS, WHICH SHOULD BE PURCHASED SEPARATELY. (CONTACT P/N: SEE TABLE II)
1. THE REFERENCED PRODUCT SHALL BE COMPLIANT 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	APPROVALS		DATE
LINEAR DIMENSIONS ARE IN MILLIMETERS TOLERANCES: .XXX = $\pm .250$.XX = $\pm .75$ ANGLES = $\pm 2^\circ$ Amphenol STANDARDS PER 9-3800	PREPARED BY:	Andy Zhang	2024/1/3
	LEAD/PRODUCT ENGINEER:	Andy Zhang	
	ENGINEERING MANAGER:	Ran Xiao	
	PRODUCT GROUP:	C&3	
	AIPG DIVISION:		
	MATERIAL SPEC		PROCESS SPEC
THIRD ANGLE PROJECTION	N/A		N/A
