

# CUSTOMER DRAWING

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	PA1	INITIAL RELEASE	2021/11/18

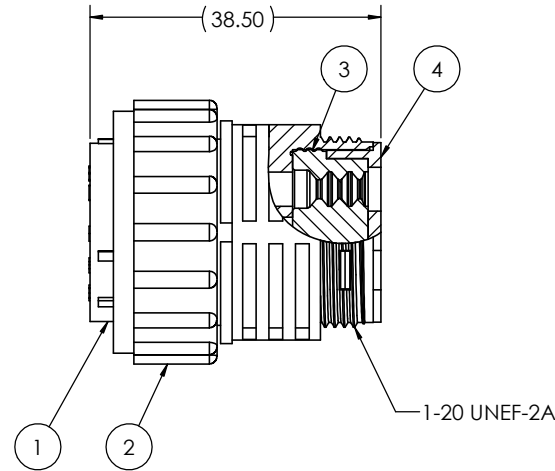
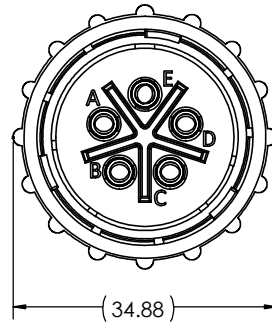


TABLE I	
SPECIFICATIONS	
CONTACT SIZE	SIZE 12
RATED CURRENT	23Amps
OPERATING VOLTAGE	600VAC (RMS)
DIELECTRIC WITHSTANDING VOLTAGE	1500VAC
OPERATING TEMPERATURE	-40~+105°C
INSULATION RESISTANCE	1000 MEGOHMS MIN (AT 25°C)
NUMBER OF CONTACTS	5 SOCKETS
WIRE SIZE	12-14 AWG
DURABILITY	500 CYCLES
PROTECTIVE CLASS	IP67(MATED)

TABLE II			
CONTACT P/N	CONTACT SIZE	WIRE SIZE	WIRE OD
10-780109-12	SIZE 12	12~14 AWG	3.4~4.1mm


3. MATERIAL:  
HOUSING/GROMMET COVER: NYLON, UL94 V-0  
COUPLING NUT: PBT, UL94 V-0  
GROMMET: RUBBER, UL94 V-0
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.

4	1	---	GROMMET COVER
3	1	---	GROMMET
2	1	---	COUPLING NUT
1	1	---	PLUG HOUSING
POS	QTY	PART NUMBER	DESCRIPTION

## PARTS LIST

UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE
LINEAR DIMENSIONS ARE IN MILLIMETERS TOLERANCES: .XXX = ± .250 .XX = ± .75 ANGLES = ± 2° Amphenol STANDARDS PER 9-3800		PREPARED BY:	Charles.Xie	2021/11/1
		LEAD/PRODUCT ENGINEER:		
		ENGINEERING MANAGER:	Ran.Xiao	
		PRODUCT GROUP:	C&3	
		AIPG DIVISION:		
		MATERIAL SPEC	PROCESS SPEC	
THIRD ANGLE PROJECTION		SEE NOTE 3		N/A
				

**AMPHENOL INDUSTRIAL OPERATIONS**  
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**PLUG STRAIGHT, ELECTRICAL  
CONNECTOR, TYPE 97P, 18-11**

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	10-779819-11S	PA1
SCALE: 2:1		REF:	SHEET 1 OF 1