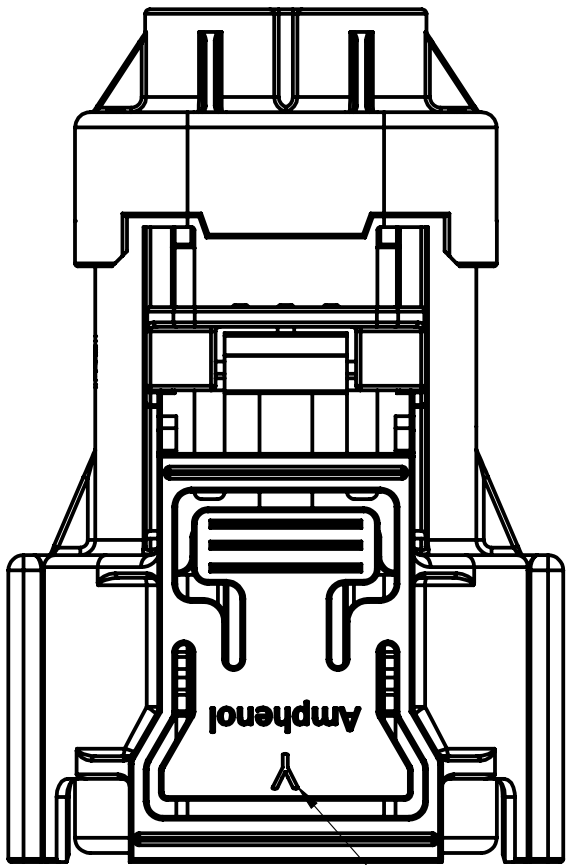




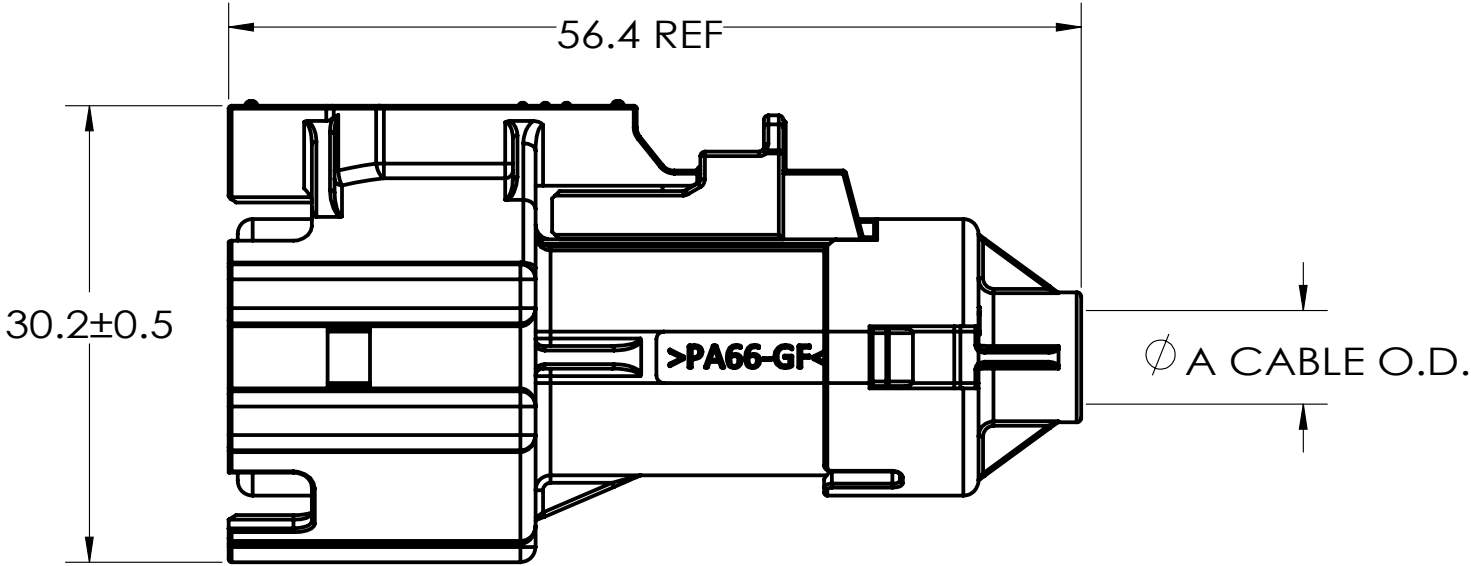
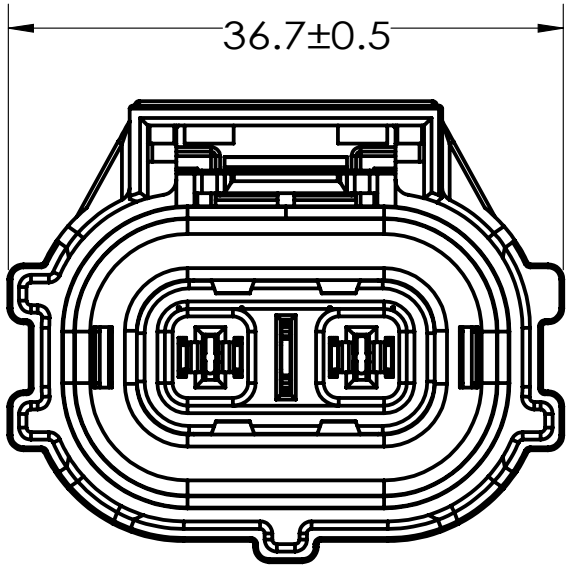
CUSTOMER DRAWING

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	INITIAL RELEASE	2019/11/16
	B	ADD CODE NUMBER	2021/2/24
2-B4, 2-C2	C	UPDATE CODE NUMBER	2021/3/10



SPECIFICATION		
CONTACT SIZE	2.5mm ²	4.0mm ²
SHIELDING CABLE OD	4.5±0.2	5.6±0.2
RATED CURRENT	30A MAX	
OPERATING VOLTAGE	600V AC	
DIELECTRIC WITHSTAND VOLTAGE	2200V AC	
OPERATING TEMPERATURE	-40 °C TO +125 °C	
NUMBER OF CONTACTS	2 POWER & 1 HVIL	
DURABILITY	100 CYCLES	
WATER PROOF	IP67 (MATED)	
FINGER PROOF	YES	
HVIL	OPTIONAL	

KEYWAY MARKING
(A, Y, Z, U)



3. THE BENDING RADIUS OF CABLE SHOULD BE GREATER THAN 6 TIMES OD APPLIED OF CABLE. THE CABLE SHOULD BE STRAIGHTEN OUT 20MM MIN. FROM REAR SIDE OF CABLE COVER(ITEM 3).

2. THE DRAWING ILLUSTRATES FINALL ASSEMBLY. FOR STORAGE AND SHIPPING, THE CONTACTS, GROMMET, CABLE COVER ARE UNASSEMBLED.

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.

N/A

Next Assembly

UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE
LINEAR DIMENSIONS ARE IN MILLIMETERS		PREPARED BY:	VEN ZHANG	2021/3/10
TOLERANCES:		LEAD/PRODUCT ENGINEER:	LINK LI	
DIM. RANGE		ENGINEERING MANAGER:	ROB WENG	
TOLERANCE		PRODUCT GROUP:	C&I	
DIM. & TOL. PER ASME Y14.5M-1994;		AIPG DIVISION:	AIO	
DRM PER MIL-DTL-31000;		MATERIAL SPEC	PROCESS SPEC	
OTHER AMPHENOL STANDARDS: 9-9318		N/A	N/A	
THIRD ANGLE PROJECTION				

AMPHENOL CORPORATION
Amphenol Technology (Zhuhai) Co. Ltd.
No. 63 Xinghan Road, Sanzao Town, Jinwan, Zhuhai, PRC
PLUG 2PORTS CONNECTOR
EPOWER-LITE SERIES

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	10-762027	C
SCALE: 2:1		REF:	SHEET 1 OF 2

D

CODE NUMBER REFERENCE: ELPM2()()

KEYWAY:
SEE TABLE 1

CABLE SIZE:
SEE TABLE 1

FUNCTION OPTIONAL:
SEE TABLE 1

C

PART NUMBER REFERENCE: C()-762027-2()S()

FUNCTION OPTIONAL:
SEE TABLE 2

KEYWAY:
SEE TABLE 2

CABLE SIZE:
SEE TABLE 2

©

TABLE 1		
ITEM NO.	DESCRIPTION	CODE NUMBER
KEYWAY MARKING	KEYWAY A	A
	KEYWAY Y	Y
	KEYWAY Z	Z
	KEYWAY U	U
WIRE SIZE	2.5MM^2	01
	4.0MM^2	02
HVIL & EMI OPTIONAL	WITH EMI & HVIL	- -
	WITH EMI & W/O HVIL	01
	W/O EMI & WITH HVIL	10
	W/O EMI & HVIL	11

D

B

©

TABLE 2		
ITEM NO.	DESCRIPTION	PART NUMBER
KEYWAY MARKING	KEYWAY A	A
	KEYWAY Y	Y
	KEYWAY Z	Z
	KEYWAY U	U
WIRE SIZE	2.5MM^2	1
	4.0MM^2	2
HVIL & EMI OPTIONAL	WITH EMI & HVIL	10
	WITH EMI & W/O HVIL	20
	W/O EMI & WITH HVIL	30
	W/O EMI & HVIL	40

B

A

A