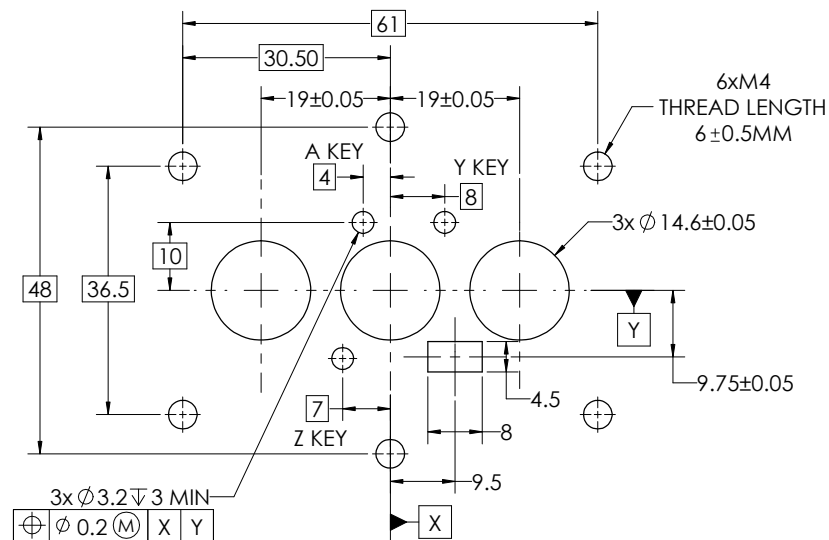
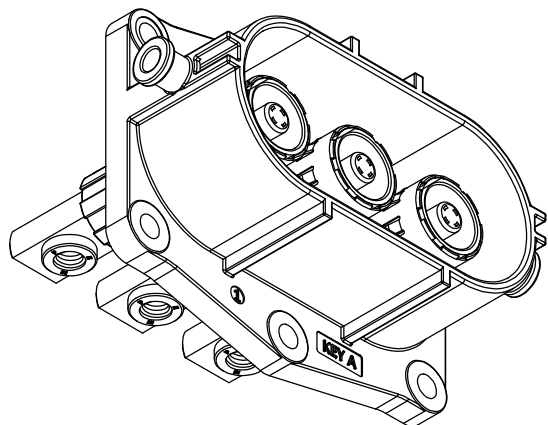
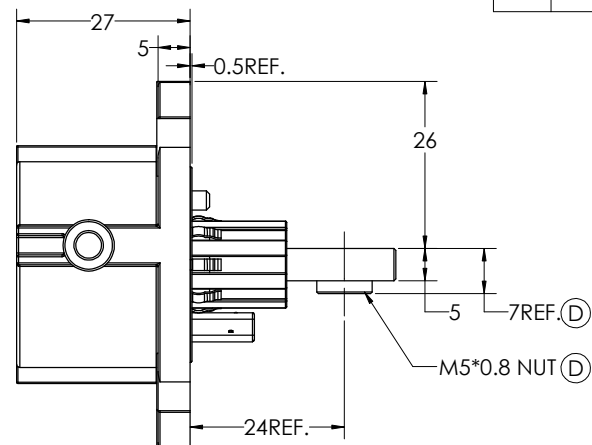
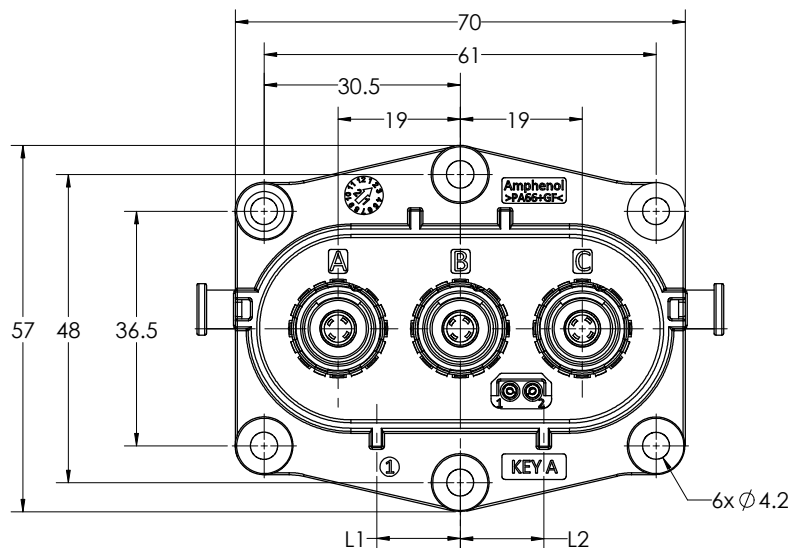


CUSTOMER DRAWING



REVISION		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	2020-10-21
B	UPDATE DESIGN	2021-02-20
C	UPDATE DESIGN REMOVE THE U&W KEY	2021-06-15
D	ADD M5*0.8 NUT	2021-08-03



2. FOR ORDRING INFORMATION, PLEASE SEE CODE NUMBER REFERENCE.
TO COMPLETE IT, ADD APPLICABLE CHARACTERS FOR DESIRED REQUIREMENT.
SEE PAGE 2 FOR DETAIL INFORMATION.

1. THE REFERENCED PRODUCT SHALL BE COMPLIANT TO RoHS DIRECTIVE

NOTES

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Next Assembly

UNLESS OTHERWISE SPECIFIED	
LINEAR DIMENSIONS ARE IN MILLIMETERS	
TOLERANCES:	
DIM. RANGE	0-3 >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:	THOR YAN	2021-02-20
LEAD/PRODUCT ENGINEER:	THOR YAN	
ENGINEERING MANAGER:	ROB WENG	
PRODUCT GROUP:	C&I	
AIPG DIVISION:	AIO	
MATERIAL SPEC		PROCESS SPEC
N/A		N/A

AMPHENOL CORPORATION			
Amphenol Technology (Zhuhai) Co. Ltd. No. 63 Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC			
5.7mm Epower-lite RECEPTACLE CONNECTOR 3PORTS			
SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	()0-765780-3()P()	D
SCALE: 2:1		REF: N/A	SHEET 1 OF 2

CODE NUMBER REFERENCE: ELRA3() () ()

KEYWAY MARKING
SEE TABLE 1

PIN TYPE
SEE TABLE 1

HVIL&EMI OPTION
SEE TABLE 1

MFG NUMBER REFERENCE: C()-765780-3()P()

HVIL&EMI OPTION
SEE TABLE 2

KEYWAY MARKING
SEE TABLE 2

PIN TYPE
SEE TABLE 2

SEPCIFICATION	
CONTACT SIZE	5.7 MM (RADSOK CONTACT) / #20 (HVIL CONTACT)
CONTACT TEST CURRENT	120 Amps Max / 5 Amps
OPERATING VOLTAGE	1000V DC
OPERATING TEMPERATRUE	-40°C TO 140°C
DIELECTRIC WITHATANDING VOLTAGE	3000V AC
NUMBER OF CANTACT	3&2
DURABILITY	100 (MIN)
WATER PROOF	IP67 (MATED)
FINGER PROOF	IPXXB
HVIL&EMI	OPTION
SALT SPRAY	96 H
TORQUE OF M5 NUT	5±0.5N.m

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TABLE 1

ITEM NO.	DESCRIPTION	CODE NUMBER	DIMENSION L1&L2
KEYWAY MARKING	KEYWAY A	A	L1=13,L2=13
	KEYWAY Y	Y	L1=9,L2=13
	KEYWAY Z	Z	L1=9,L2=9
PIN TYPE	BUSBAR	03	
HVIL & EMI OPTION	YES EMI & YES HVIL	--	
	YES EMI & NO HVIL	01	
	NO EMI & YES HVIL	10	
	NO EMI & NO HVIL	11	

TABLE 2

ITEM NO.	DESCRIPTION	MFG NUMBER	DIMENSION L1&L2
KEYWAY MARKING	KEYWAY A	A	L1=13,L2=13
	KEYWAY Y	Y	L1=9,L2=13
	KEYWAY Z	Z	L1=9,L2=9
PIN TYPE	BUSBAR	3	
HVIL & EMI OPTION	YES EMI & YES HVIL	10	
	YES EMI & NO HVIL	20	
	NO EMI & YES HVIL	30	
	NO EMI & NO HVIL	40	

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	()0-765780-3()P()	D
SCALE: 2:1	REF:	N/A	SHEET 2 OF 2