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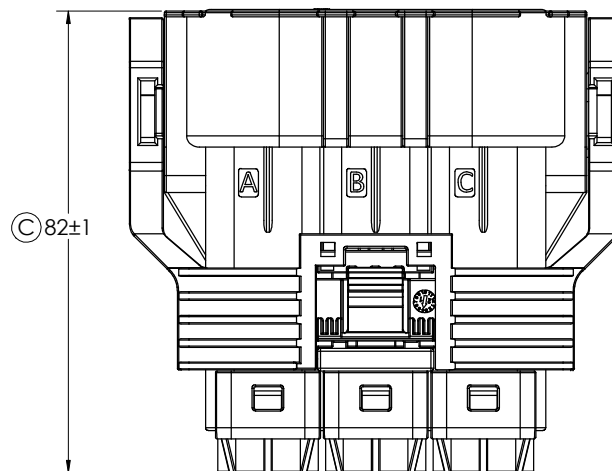
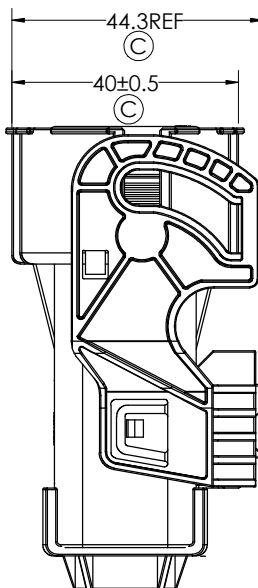
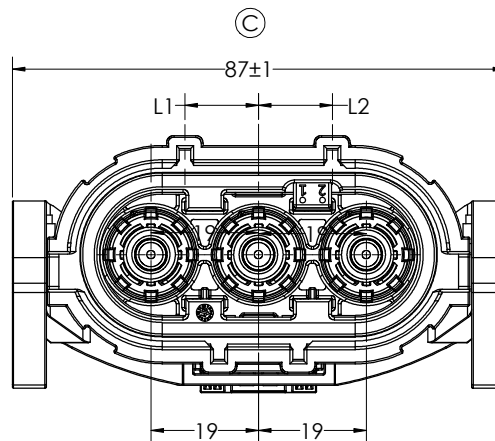
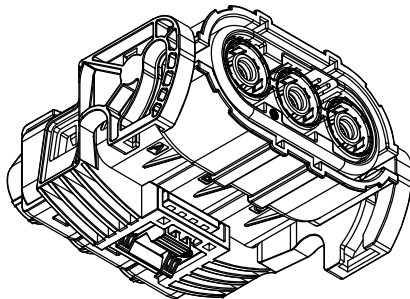
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CUSTOMER DRAWING



REVISION

REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	2020-10-21
B	UPDATE DESIGN	2021-02-20
C	UPDATE DESIGN REMOVE THE U&W KEYWAY	2021-06-15



SEPCIFICATION

CONTACT SIZE	5.7 MM (RADSOK CONTACT) / #20 (HVIL CONTACT)
CONTACT TEST CURRENT	120 Amps Max / 5 Amps
OPERATING VOLTAGE	1000V DC
OPERATING TEMPERATUE	-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

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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N/A

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

PREPARED BY: THOR YAN

LEAD/PRODUCT ENGINEER: THOR YAN

ENGINEERING MANAGER: ROB WENG

PRODUCT GROUP: C&I

AIPG DIVISION: AIO

MATERIAL SPEC

PROCESS SPEC

N/A

N/A

DATE

2021-02-20

AMPHENOL CORPORATION

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

5.7mm ePower-life PLUG CONNECTOR 3PORTS

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	C()-765779-3()S()	C
SCALE: 1:1		REF: N/A	SHEET 1 OF 2

4

3

2

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CODE NUMBER REFERENCE: ELPA3() () ()

KEYWAY MARKING
SEE TABLE 1

WIRE SIZE
SEE TABLE 1

HVIL&EMI OPTION
SEE TABLE 1

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
WIRE SIZE	25 MM^2	25	
	16 MM^2	16	
HVIL & EMI OPTIONAL	YES EMI & YES HVIL	--	
	YES EMI & NO HVIL	01	
	NO EMI & YES HVIL	10	
	NO EMI & NO HVIL	11	

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MFG NUMBER REFERENCE: C()-765779-3()S()

HVIL&EMI OPTION
SEE TABLE 2

KEYWAY MARKING
SEE TABLE 2

WIRE SIZE
SEE TABLE 2

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
WIRE SIZE	25 MM^2	2	
	16 MM^2	1	
HVIL & EMI OPTIONAL	YES EMI & YES HVIL	10	
	YES EMI & NO HVIL	20	
	NO EMI & YES HVIL	30	
	NO EMI & NO HVIL	40	

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SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	C()-765779-3()S()	C
SCALE: 1:1		REF: N/A	SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[ELPA3A16](#) [ELPA3A1601](#) [ELPA3A1610](#) [ELPA3A1611](#) [ELPA3A25](#) [ELPA3A2501](#) [ELPA3Z1610](#) [ELPA3Z1611](#)
[ELPA3Z25](#) [ELPA3Z2501](#) [ELPA3Z2510](#) [ELPA3Z2511](#) [ELPA3Y25](#) [ELPA3Y2501](#) [ELPA3Y2510](#) [ELPA3Y2511](#)
[ELPA3Z16](#) [ELPA3Z1601](#) [ELPA3A2510](#) [ELPA3A2511](#) [ELPA3Y16](#) [ELPA3Y1601](#) [ELPA3Y1610](#) [ELPA3Y1611](#)