

GENERAL TOLERANCE

DIM.RANGE	0.5 - 3	>3-6	>6-30	>30-120	>120-400
TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5

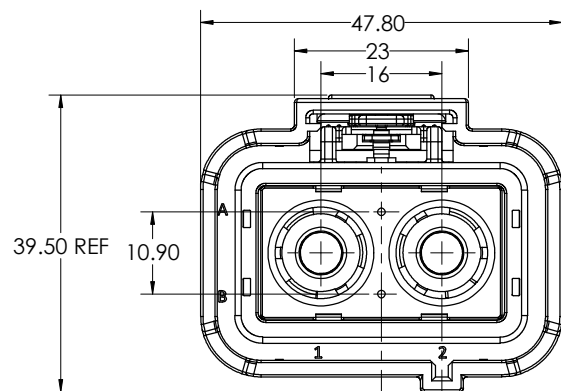
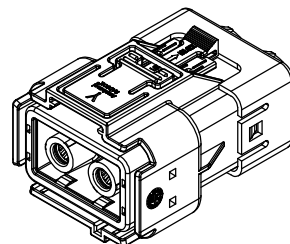
CUSTOMER DRAWING

REVISION

REV.	DESCRIPTION	DATE
C	MODIFY DESIGN	2016-11-29
D	UPDATE RoHS LABEL	2017-03-11
E	UPDATE CODE NUMBER AND MFG NUMBER	2018-06-28
F	UPDATE CONNECTOR LENGTH	2019-01-16
G	UPDATE CODE NUMBER	2019-02-21

SPECIFICATION

CONTACT SIZE	5.7 MM (RADSOK CONTACT) / #20 (HVIL CONTACT)
CONTACT TEST CURRENT	120 Amps Max / 5 Amps
OPERATING VOLTAGE	600V AC
OPERATING TEMPERATURE	-40 °C TO 125 °C
DIELECTRIC WITHSTANDING VOLTAGE	2500V AC
NUMBER OF CONTACT	2&2
DURABILITY	100 (MIN)
WATER PROOF	IP67 (MATED)
FINGER PROOF	YES
HVIL	OPTION
SALT SPRAY	96 H

KEY MARKING
A,Y,Z,U,WKEYWAY DIMENSION A
SEE TABLERECOMMENDED CABLE OD RANGE:
25MM² CABLE SIZE 13.9±0.3MM
16MM² CABLE SIZE 11.2±0.3MM

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

2. THE DRAWING ILLUSTRATE FINAL ASSEMBLY. FOR STORAGE AND
SHIPPING, THE POWER & HVIL CONTACTS ARE SHIPPED UNASSEMBLED.

1. THE REFERENCED PRODUCT SHALL BE COMPLIANT TO RoHS DIRECTIVE.

NOTES:

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SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR
ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES
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UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	AMPHENOL INDUSTRIAL OPERATIONS				
LINEAR DIMENSIONS ARE IN: MILLIMETERS TOLERANCES: ANGLES=±2° DEFAULT LINEAR TOLERANCES SEE TABLE		PREPARED BY:	THOR YAN	2018-06-28	Amphenol Technology (Zhuhai) Co., Ltd No.63, Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC				
DIM. & TOL. PER ASME Y14.5M-1994; DRM PER MIL-DTL-31000; OTHER AMPHENOL STANDARDS: 9-3800		ENGINEER IN CHARGE:	SEVEN XIE		ELECTRICAL PLUG CONNECTOR WITH HVIL & SHIELDING 2PORTS, Epower-lite SERIES				
LEGENDS: △=FLAG NOTE CALL OUT REFERENCE		DESIGN MANAGER:	ROB WENG						
THIRD ANGLE PROJECTION		PRODUCT GROUP:	C&3						
		AIPG DIVISION:							
		MATERIAL SPEC	PROCESS SPEC						
		N/A		N/A					
						SIZE	CAGE CODE	DOCUMENT NUMBER	REV
						C	77820	C ()-738986-2()S()	G
						SCALE: 1:2	REF:	SHEET 1 OF 2	

④ CODE NUMBER REFERENCE: ELPA2() () ()

KEYWAY MARKING
SEE TABLE 1

WIRE SIZE
SEE TABLE 1

HVIL&EMI OPTION
SEE TABLE 1

TABLE 1			
ITEM NO.	DESCRIPTION	CODE NUMBER	DIMENSION A
KEYWAY MARKING	KEYWAY A	A	4
	KEYWAY Y	Y	8
	KEYWAY Z	Z	0
	KEYWAY U	U	-8
	KEYWAY W	W	-4
WIRE SIZE	25 MM^2	25	
	16 MM^2	16	
HVIL & EMI OPTION	YES EMI & YES HVIL	--	
	YES EMI & NO HVIL	01	
	NO EMI & YES HVIL	10	
	NO EMI & NO HVIL	11	

MFG NUMBER REFERENCE: C()-738986-2()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 A
KEYWAY MARKING	KEYWAY A	A	4
	KEYWAY Y	Y	8
	KEYWAY Z	Z	0
	KEYWAY U	U	-8
	KEYWAY W	W	-4
WIRE SIZE	25 MM^2	2	
	16 MM^2	1	
HVIL & EMI OPTION	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()-738986-2()S()	G
SCALE: 2:1		REF:	SHEET 2 OF 2