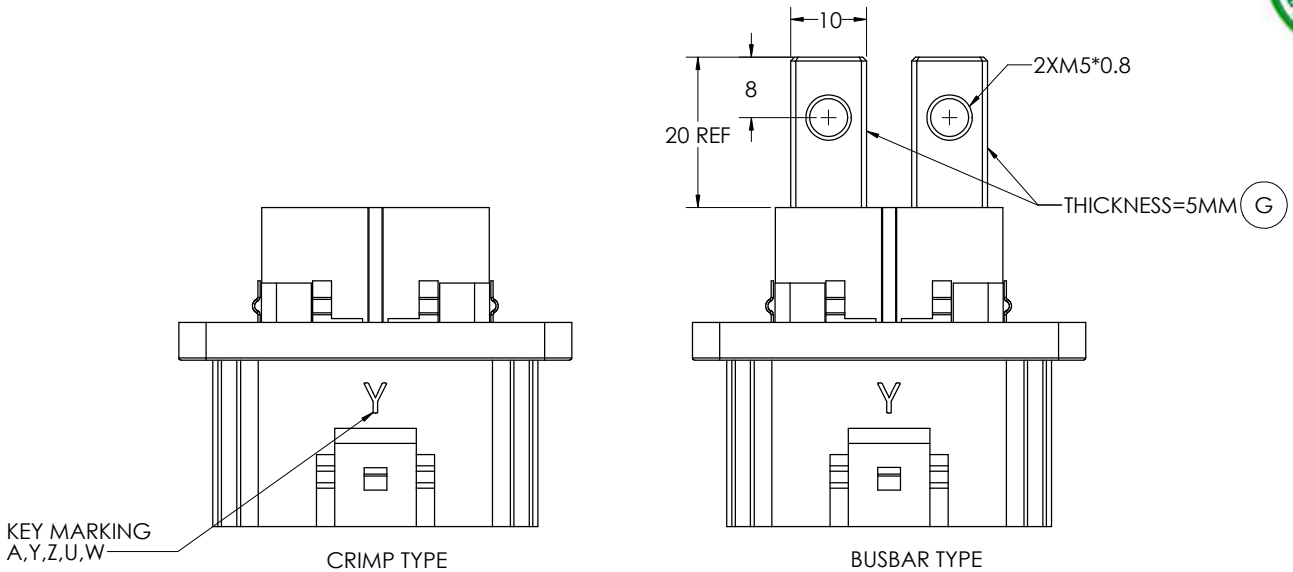
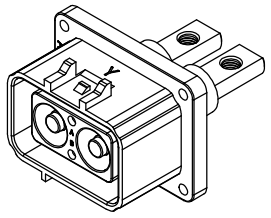
CUSTOMER DRAWING

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

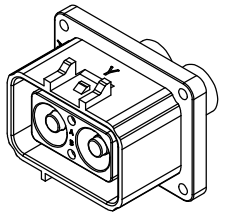
REVISION		
REV.	DESCRIPTION	DATE
C	MODIFY DESIGN	2016-11-23
D	UPDATE RoHS LABLE	2017-03-11
E	UPDATE CODE NUMBER AND MFG NUMBER	2018-06-28
F	ADD BUSBAR TYPE	2018-09-19
G	UPDATE CODE NUMBER	2019-02-21

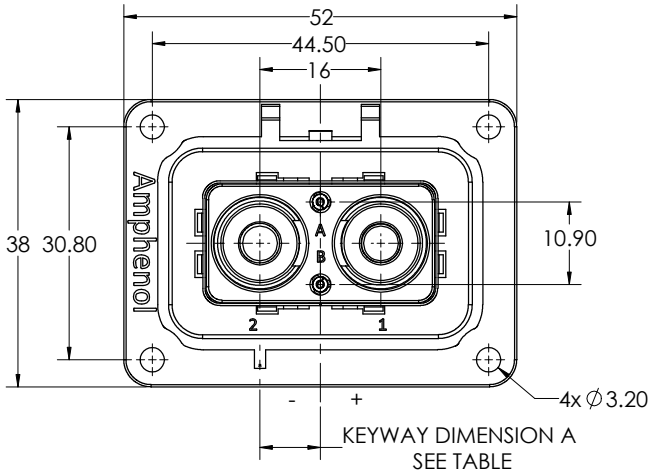


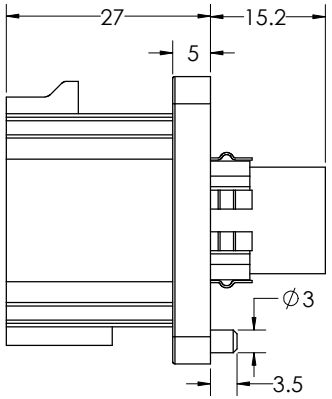
BUSBAR TYPE

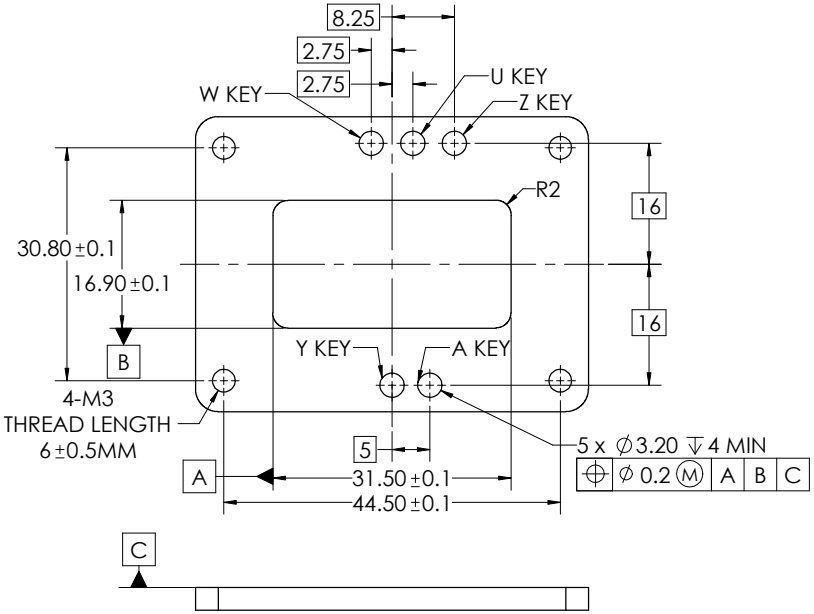


CRIMP TYPE









RECOMMENDED CUT-OUT PANEL LAYOUT DIMENSIONS

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

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

UNLESS OTHERWISE SPECIFIED	APPROVALS		DATE
LINEAR DIMENSIONS ARE IN: MILLIMETERS TOLERANCES: ANGLES= ±2° DEFAULT LINEAR TOLERANCES SEE TABLE	PREPARED BY:	THOR YAN	2019-02-21
	ENGINEER IN CHANGE:	SEVEN XIE	
DIM. & TOL. PER ASME Y14.5M-1994; DRM PER MIL-DTL-31000; OTHER AMPHENOL STANDARDS: 9-3800	DESIGN MANAGER:	ROB WENG	
	PRODUCT GROUP:	C&3	
LEGENDS: △ =FLAG NOTE CALL OUT REFERENCE	AIPG DIVISION:		
THIRD ANGLE PROJECTION	MATERIAL SPEC	PROCESS SPEC	
	N/A	N/A	

AMPHENOL INDUSTRIAL OPERATIONS
Amphenol Technology(Zhuhai)Co.,Ltd
No.63, Xinghan Road, Sanzao Town, Jinwan, Zhuhai, PRC

ELECTRICAL RECEPTACLE CONNECTOR WITH HVIL & SHIELDING 2PORTS, Epower-lite SERIES U

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	C( )-738985-2( )P( )	G

SCALE: 2:1 | REF: N/A | SHEET 1 OF 2

CODE NUMBER REFERANCE: ELRA2( )( )( ) (G)

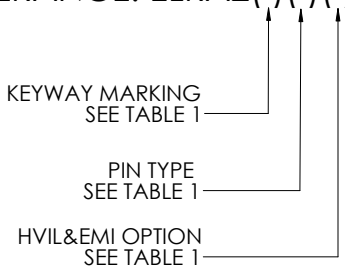
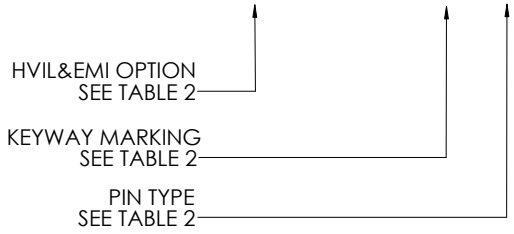


TABLE 1			
ITEM NO.	DESCRIPTION	CODE NUMBER	DIMENSION A
KEYWAY MARKING	KEYWAY A	A	-4
	KEYWAY Y	Y	-8
	KEYWAY Z	Z	0
	KEYWAY U	U	8
	KEYWAY W	W	4
PIN TYPE	25 MM^2 CRIMP	25	
	16 MM^2 CRIMP	16	
	BUSBAR	03	
HVIL & EMI OPTION	YES EMI & YES HVIL	--	
	YES EMI & NO HVIL	01	
	NO EMI & YES HVIL	10	
	NO EMI & NO HVIL	11	

MFG NUMBER REFERANCE: C( )-738985-2( )P( )



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

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
PIN TYPE	BUSBAR	3	
	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	

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.

SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	C( )-738985-2( )P( )	G
SCALE: 2:1	REF:	N/A	SHEET 2 OF 2