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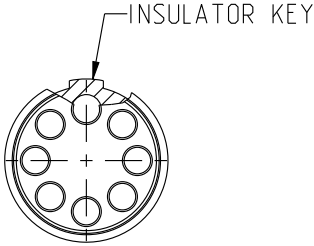
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DWG. NO.
JBX3INSFPC

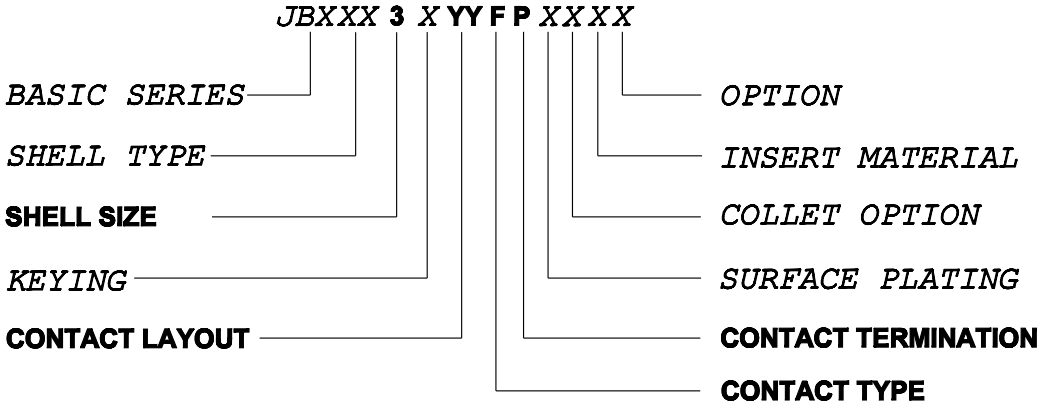
FEMALE INSULATOR, PCB CONTACT

CONTACT LAYOUT	10	14
FRONT SIDE VIEW		
REAR SIDE VIEW		
CONTACT		
ISO VIEW		

CONTACT	ØC	1.3	0.9
	ØF	0.7	0.7
	MAX. AWG	-	-
	MAX. CURRENT RATING (A)	15	10
	CONTACT RESISTANCE (mΩ)	3.5	3.5
INSULATOR	NUMBER OF CAVITY	10	14
	MAX. CURRENT RATING	12	9
	TEST VOLTAGE (Vrms)	1400	1700
	WORKING VOLTAGE (Vdc/Vrms)	600/420	830/560



CATALOG NUMBER DESCRIPTION



CONTACT TYPE : F (FEMALE)
CONTACT TERMINATION : P (PCB)
MATERIAL :
CONTACT: CUPRO-NICKEL
INSULATOR: PEEK
FINISH:
CONTACTS : GOLD

B	REVISED PER ECN 12286	RSK 06-10-15	EV 06-10-15
A	RELEASED PER ECN 12264	TJS 03-10-15	EV 03-10-15
REV	DESCRIPTION	BY DATE	CHKD DATE

DRAWING TITLE JBX, SIZE 3, FEMALE INSULATOR, PCB CONTACT			
CAT NO. JBX3INSFP			
CAGE NO: 09922		SIZE: B	
CUSTOMER		SOURIAU	WWW.SOURIAU.COM
APPROVAL		DRAWN: TJS	02-04-15
		CHKD : EV	02-04-15
		DSGN : EV	02-04-15
		MFG : DH	02-04-15
		QC : BB	02-04-15
		DRAWING SCALE: NA	
		DRAWING NO.	REV
		JBX3INSFPC	B
		1 OF 3	

ORIGIN	COUNTRY	JURISDICTION	CLASSIFICATION
X	FR	Not listed	N/A
	US	EAR	ECCN =EAR99
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LINEAR MEASURE: mm (INCH)

THIRD ANGLE PROJECTION

TOLERANCES UNLESS OTHERWISE SPECIFIED

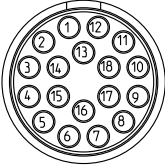
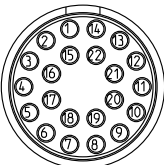
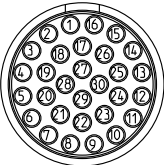
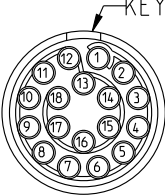
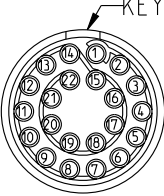
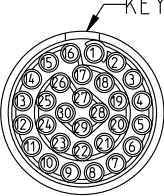
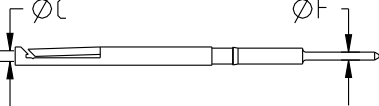
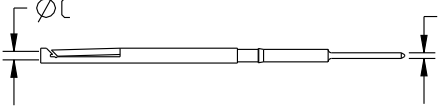
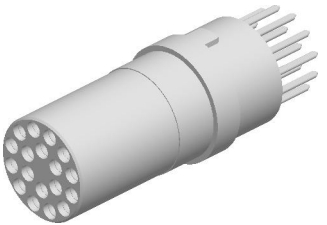
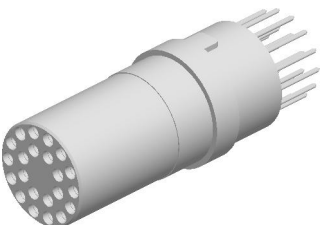
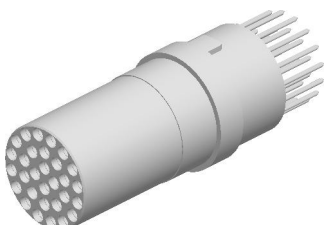
No. OF PLACES	mm [INCH]
ONE PLACE	±3 [±.1]
TWO PLACES	±0.5 [±.02]
THREE PLACES	±0.25 [±.010]

ANGLES±1°

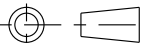
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DWG. NO.
JBX3INSFPC

CONTACT LAYOUT		18	22	30
FRONT SIDE VIEW				
REAR SIDE VIEW				
CONTACT				
ISO VIEW				
CONTACT	ØC	0.9	0.7	0.7
	ØF	0.7	0.5	0.5
	MAX. AWG	-	-	-
	MAX. CURRENT RATING (A)	10	7	7
INSULATOR	CONTACT RESISTANCE (mΩ)	3.5	5	5
	NUMBER OF CAVITY	18	22	30
	MAX. CURRENT RATING	7	5.5	3.5
	TEST VOLTAGE (Vrms)	1400	1200	800
	WORKING VOLTAGE (Vdc/Vrms)	660/460	560/400	400/260

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X	FR	Not listed	N/A
	US	EAR	ECCN =EAR99
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LINEAR MEASURE:  mm (INCH)	
THIRD ANGLE PROJECTION 	
TOLERANCES UNLESS OTHERWISE SPECIFIED	
No. OF PLACES	mm [INCH]
ONE PLACE	±3 [±.1]
TWO PLACES	±0.5 [±.02]
THREE PLACES	±0.25 [±.010]
ANGLES±1°	

DRAWING TITLE						
JBX, SIZE 3, FEMALE INSULATOR, PCB CONTACT						
CAT NO.						
JBX3INSFP						
CAGE NO: 09922	SIZE: B		APPROVAL	DRAWN: TJS	02-04-15	
CUSTOMER		SOURIAU		CHKD :	EV	02-04-15
				DSGN :	EV	02-04-15
				MFG :	DH	02-04-15
				QC :	BB	02-04-15
				DRAWING SCALE: NA		
DRAWING NO.				REV		
JBX3INSFPC				B		
2 OF 3						
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.				WWW.SOURIAU.COM		

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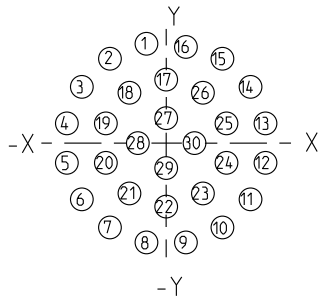
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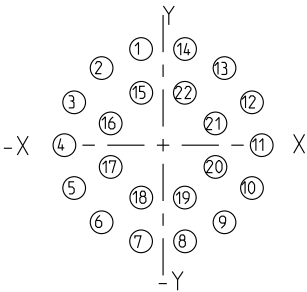
DWG. NO.
JBX3INSFPC

LAYOUT

PCB LAYOUT
(SHOWN FROM
MATING FACE OF
THE INSULATOR)



30		
Rep	X	Y
1	-0.87	4.38
2	-2.48	3.72
3	-3.72	2.48
4	-4.38	0.87
5	-4.38	-0.87
6	-3.72	-2.48
7	-2.48	-3.72
8	-0.87	-4.38
9	0.87	4.38
10	2.48	-3.72
11	3.72	-2.48
12	4.38	-0.87
13	4.38	0.87
14	3.72	2.48
15	2.48	3.72
16	0.87	4.38
17	0	2.80
18	-1.62	2.22
19	-2.66	0.87
20	-2.66	-0.87
21	-1.62	-2.22
22	0	-2.80
23	1.62	-2.22
24	2.66	-0.87
25	2.66	0.87
26	1.62	2.22
27	0	1.10
28	-1.25	0
29	0	-1.10
30	1.25	0



22		
Rep	X	Y
1	-0.97	4.24
2	-2.71	3.40
3	-3.92	1.89
4	-4.35	0
5	-3.92	-1.89
6	-2.71	-3.40
7	-0.97	-4.24
8	0.97	-4.24
9	2.71	-3.40
10	3.92	-1.89
11	4.35	0
12	3.92	1.89
13	2.71	3.40
14	0.97	4.24
15	-0.96	2.31
16	-2.31	0.96
17	-2.31	-0.96
18	-0.96	-2.31
19	0.96	-2.31
20	2.31	-0.96
21	2.31	0.96
22	0.96	2.31

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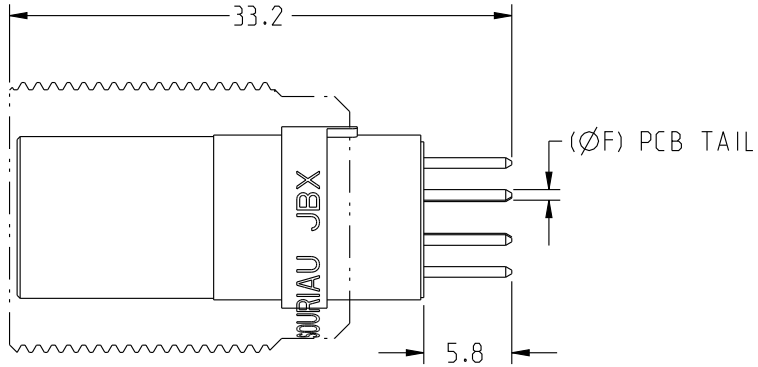
14

10

1. ALL DIMENSIONS ARE ± 0.05

2. SEE TABLE 1 FOR RECOMMENDED FINISHED PCB HOLE SIZE.

TABLE 1	
CONTACT PCB TAIL SIZE DIA	FINISHED PCB HOLE SIZE DIA
0.5	0.75
0.7	0.95



SAMPLE ASSEMBLY FOR INFORMATION

DRAWING TITLE

JBX, SIZE 3, FEMALE INSULATOR, PCB CONTACT

CAT NO.

JBX3INSFPC

CAGE NO: 09922

SIZE: B

CUSTOMER

INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.

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APPROVAL

DRAWN:	TJS	02-04-15
CHKD :	EV	02-04-15
DSGN :	EV	02-04-15
MFG :	DH	02-04-15
QC :	BB	02-04-15
DRAWING SCALE: NA		
DRAWING NO.		REV
JBX3INSFPC		B
3 OF 3		

Mouser Electronics

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[JBXEA3G14FPSDS](#) [JBXEA3G18FPSDS](#) [JBXEA3G22FPSDS](#) [JBXEA3G30FPSDS](#)