

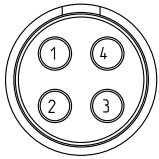
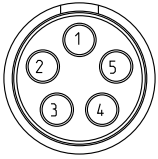
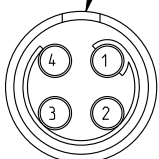
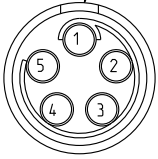
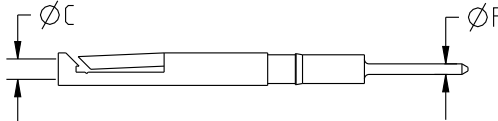
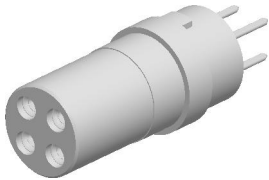
D

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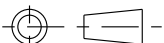
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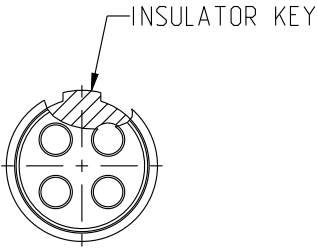
DWG. NO.
JBX2INSFPC

FEMALE INSULATOR, PCB CONTACT

CONTACT LAYOUT	04	05
FRONT SIDE VIEW		
REAR SIDE VIEW		
CONTACT		
ISO VIEW		
CONTACT	ØC	1.3
	ØF	0.7
	MAX. AWG	-
	MAX. CURRENT RATING (A)	15
	CONTACT RESISTANCE (mΩ)	3
INSULATOR	NUMBER OF CAVITY	4
	MAX. CURRENT RATING	15
	TEST VOLTAGE (Vrms)	2400
	WORKING VOLTAGE (Vdc/Vrms)	1000/700

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°			



CONTACT TYPE : F (FEMALE)

CONTACT TERMINATION : P (PCB)

MATERIAL :

CONTACT: CUPRO-NICKEL

INSULATOR: PEEK

FINISH:

CONTACTS : GOLD

CATALOG NUMBER DESCRIPTION

JBXXX 2 XYYFP XXXX

BASIC SERIES

OPTION

SHELL TYPE

INSERT MATERIAL

SHELL SIZE

COLLET OPTION

KEYING

SURFACE PLATING

CONTACT LAYOUT

CONTACT TERMINATION

CONTACT TYPE

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 2, FEMALE INSULATOR, PCB CONTACT				
CAT NO.				
JBX2INSFP				
CAGE NO: 09922	SIZE: B		APPROVAL	
CUSTOMER	SOURIAU	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
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.	WWW.SOURIAU.COM	DRAWING SCALE: NA		
		DRAWING NO.	REV	
		JBX2INSFPC	B	
		1 OF 4		

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DWG. NO.
JBX2INSFPC

CONTACT LAYOUT		06	07	08	10
FRONT SIDE VIEW					
REAR SIDE VIEW					
CONTACT					
ISO VIEW					
CONTACT	ØC	1.3	1.3	0.9	0.9
	ØF	0.7	0.7	0.7	0.7
	MAX. AWG	-	-	-	-
	MAX. CURRENT RATING (A)	15	15	10	10
INSULATOR	CONTACT RESISTANCE (mΩ)	3	3	3.5	3.5
	NUMBER OF CAVITY	6	7	8	10
	MAX. CURRENT RATING	12	11	10	8
	TEST VOLTAGE (Vrms)	1900	1500	1700	1700
WORKING VOLTAGE (Vdc/Vrms)		900/630	730/500	830/560	830/560

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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 2, FEMALE INSULATOR, PCB CONTACT						
CAT NO.						
JBX2INSFP						
CAGE NO: 09922		SIZE: B		APPROVAL		
CUSTOMER		SOURIAU			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
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		WWW.SOURIAU.COM			DRAWING SCALE: NA	
					DRAWING NO. REV	
					JBX2INSFPC B	
					2 OF 4	

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DWG. NO.
JBX2INSFPC

CONTACT LAYOUT		12	16	18	19
FRONT SIDE VIEW					
REAR SIDE VIEW					
CONTACT					
ISO VIEW					
CONTACT	ØC	0.7	0.7	0.7	0.7
	ØF	0.5	0.5	0.5	0.5
	MAX. AWG	-	-	-	-
	MAX. CURRENT RATING (A)	7	7	7	7
INSULATOR	CONTACT RESISTANCE (mΩ)	5	5	5	5
	NUMBER OF CAVITY	12	16	18	19
	MAX. CURRENT RATING	7	6	5.5	5
	TEST VOLTAGE (Vrms)	1700	1500	1400	1400
WORKING VOLTAGE (Vdc/Vrms)		830/560	730/500	660/460	660/460

ORIGIN	COUNTRY	JURISDICTION	CLASSIFICATION
X	FR	Not listed	N/A
	US	EAR	ECCN =EAR99
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LINEAR MEASURE:
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 2, FEMALE INSULATOR, PCB CONTACT

CAT NO. **JBX2INSFP**

CAGE NO: 09922 SIZE: B

CUSTOMER

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

SOURIAU

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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
JBX2INSFPC B
3 OF 4

PRO-E

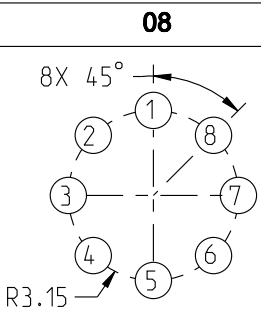
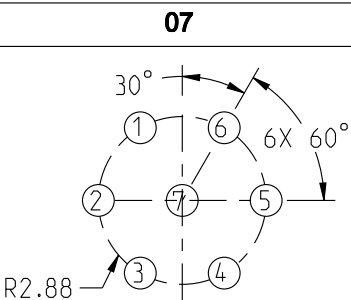
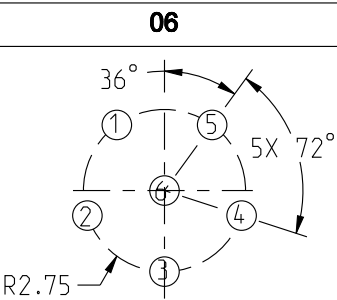
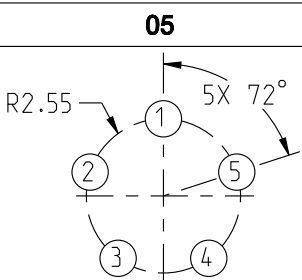
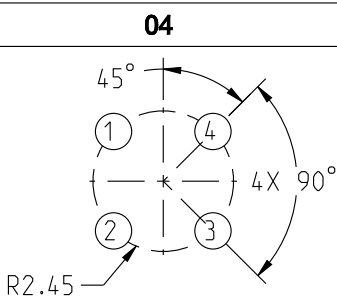
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DWG. NO.
JBX2INSFPC

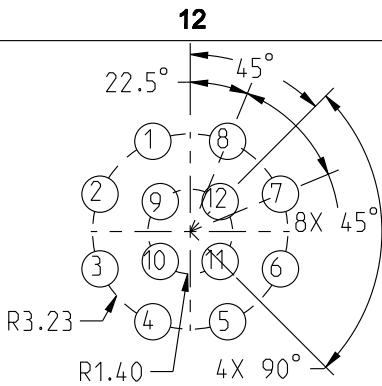
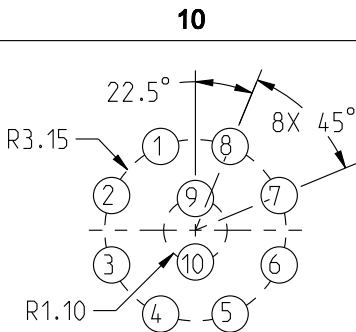
LAYOUT

PCB LAYOUT
(SHOWN FROM
MATING FACE OF
THE INSULATOR)



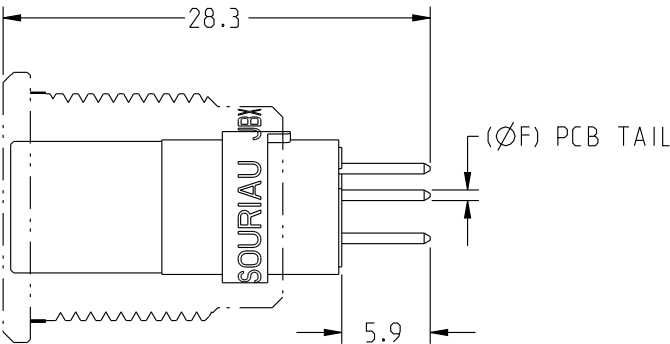
LAYOUT

PCB LAYOUT
(SHOWN FROM
MATING FACE OF
THE INSULATOR)



1. ALL DIMENSIONS ARE ± 0.05
2. SEE TABLE 1 FOR RECOMMENDED FINISHED PCB HOLE SIZE.

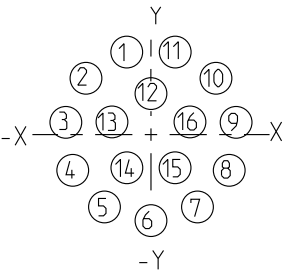
TABLE 1	
CONTACT PCB TAIL SIZE DIA	FINISHED PCB HOLE SIZE DIA
0.5	0.75
0.7	0.95



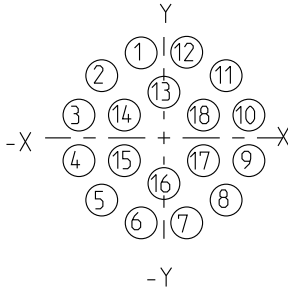
SAMPLE ASSEMBLY FOR INFORMATION

ORIGIN	COUNTRY	JURISDICTION	CLASSIFICATION
X	FR	Not listed	N/A
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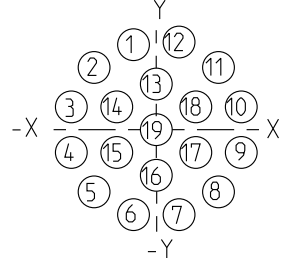
LINEAR MEASURE:	
THIRD ANGLE PROJECTION	
TOLERANCES UNLESS OTHERWISE SPECIFIED	
No. OF PLACES	mm [INCH]
ONE PLACE	$\pm 3 [\pm .1]$
TWO PLACES	$\pm 0.5 [\pm .02]$
THREE PLACES	$\pm 0.25 [\pm .010]$
ANGLES $\pm 1^\circ$	



16		
Rep	X	Y
1	-0.92	3.14
2	-2.48	2.15
3	-3.24	0.48
4	-2.98	-1.36
5	-1.77	-2.76
6	0	-3.28
7	1.77	-2.76
8	2.98	-1.36
9	3.24	0.47
10	2.48	2.15
11	0.92	3.14
12	0	1.55
13	-1.47	0.48
14	-0.91	-1.25
15	0.91	-1.25
16	1.47	0.48



18		
Rep	X	Y
1	-0.86	3.21
2	-2.35	2.35
3	-3.21	0.86
4	-3.21	-0.86
5	-2.35	-2.35
6	-0.86	-3.21
7	0.86	-3.21
8	2.35	-2.35
9	3.21	-0.86
10	3.21	0.86
11	2.35	2.35
12	0.86	3.21
13	0	1.73
14	-1.49	0.86
15	-1.49	-0.86
16	0	-1.73
17	1.49	-0.86
18	1.49	0.86



19		
Rep	X	Y
1	-0.86	3.21
2	-2.35	2.35
3	-3.21	0.86
4	-3.21	-0.86
5	-2.35	-2.35
6	-0.86	-3.21
7	0.86	-3.21
8	2.35	-2.35
9	3.21	-0.86
10	3.21	0.86
11	2.35	2.35
12	0.86	3.21
13	0	1.73
14	-1.49	0.86
15	-1.49	-0.86
16	0	-1.73
17	1.49	-0.86
18	1.49	0.86
19	0	0

DRAWING TITLE
JBX, SIZE 2, FEMALE INSULATOR, PCB CONTACT
CAT NO.

JBX2INSFP

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
JBX2INSFPC			B
4 OF 4			

B

A