

1

NOTES:

MATERIAL:

OUTER SHELL :
SHIELD RING & PANEL NUT: } BRASS

FINISH:

OUTER SHELL: CHROME

OTHER BRASS PARTS : NICKEL

T* TOOLS



	TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
T1 	17	1.7
T2 	15	-

A	RELEASED PER ECN 12258	SKV 06-10-15	EV 06-10-15
REV	DESCRIPTION	BY DATE	CHKD DATE

DRAWING TITLE

JBX, SIZE 2, BACK PANEL MOUNTING RECEPTACLE

CAT NO.

JBXEP2

CAGE NO: 09922

CUSTOMER

CUSTOMER

SOUPLAII

SOURIAU	DRAWING NO.		REV

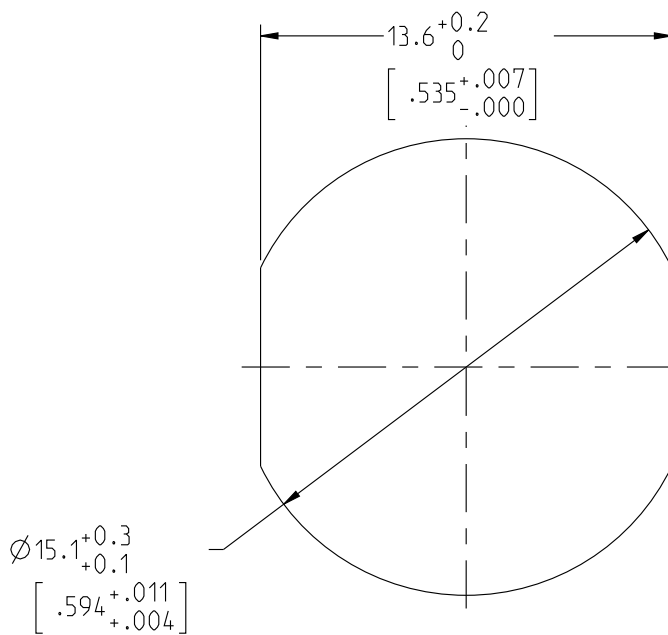
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	JBXEPZC	A
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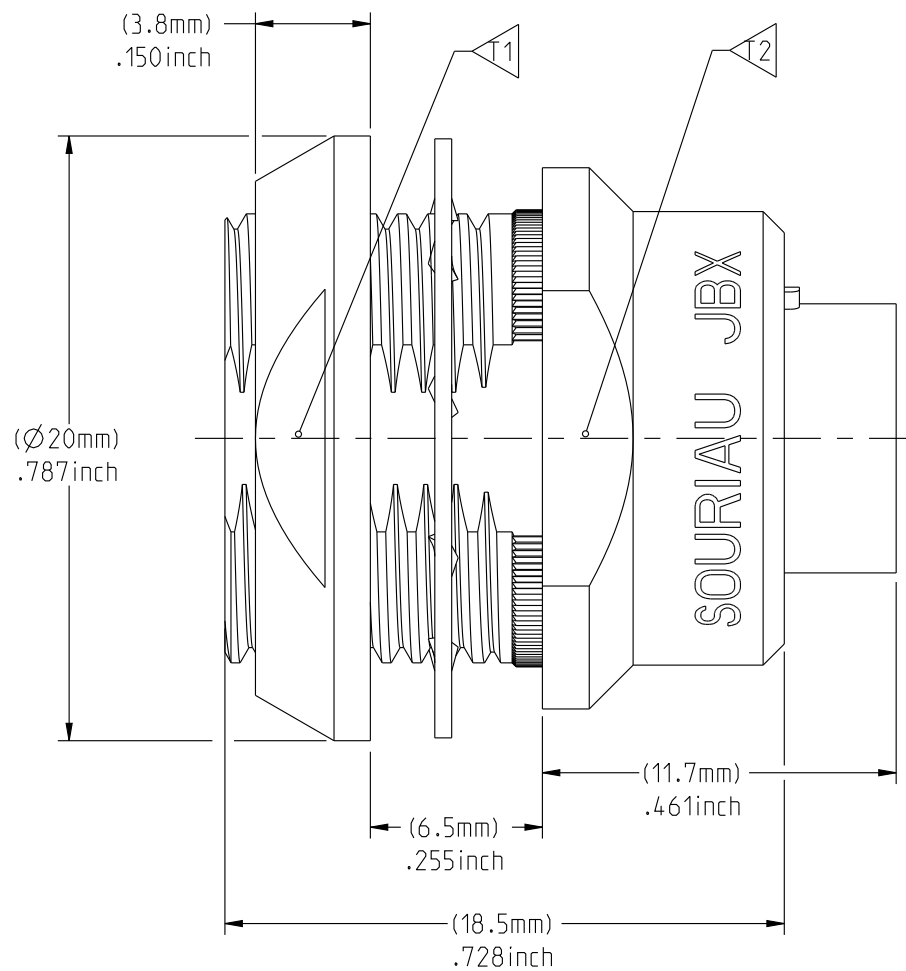
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1 OF 1

PRO-E



RECOMMENDED
PANEL CUTOUT



PART LIST	
ITEM NO.	DESCRIPTION
1	SHELL
2	LOCK WASHER
3	PANEL NUT
4	INSULATOR

<u>CATALOG</u>	<u>NUMBER</u>	<u>DESCRIPTION</u>
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JBX EP 2 XXXXXXDX-

BASIC SERIES

OPTION

SHELL TYPE

INSERT MATERIAL

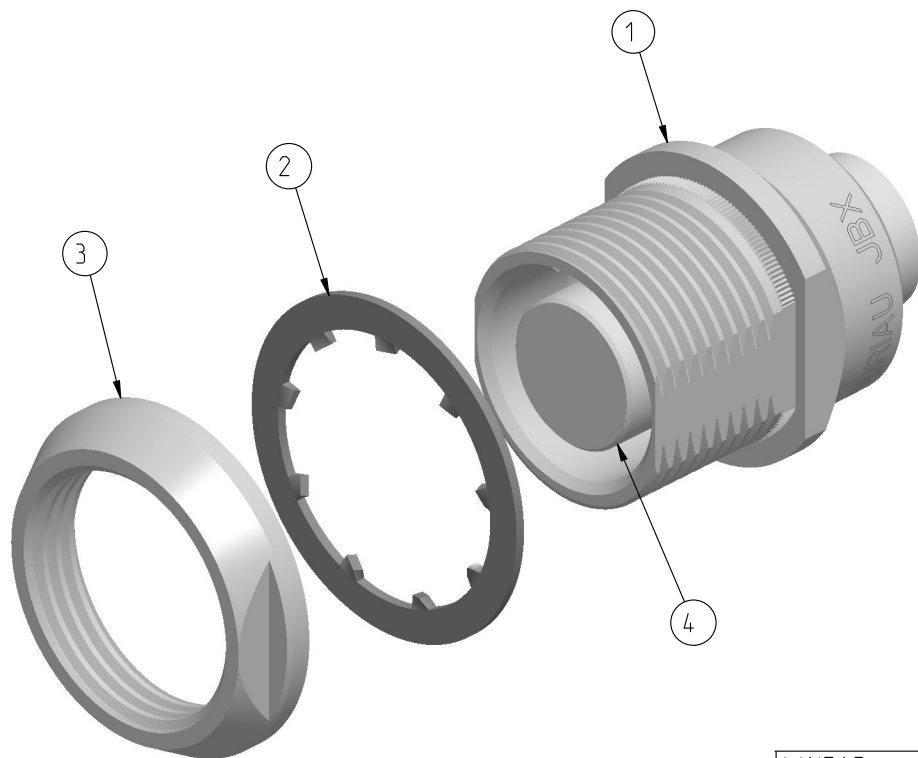
SHELL SIZE

COLLET OPTION

KEYING

SURFACE PLATING

SEE INSULATOR DRAWING



SCALE 5:2

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]		
WHOLE No.	± 0.5 [$\pm .02$]		
ONE PLACE	± 0.2 [$\pm .008$]		
TWO PLACES	± 0.1 [$\pm .004$]		
ANGLES $\pm 1^\circ$			

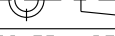
1 PRO-E

FEMALE INSULATOR, PCB CONTACT

INSULATOR KEY

This diagram shows a circular plate with four holes arranged in a square pattern. A crosshair is centered on the plate. An arrow points to a shaded rectangular feature on the top edge, labeled 'INSULATOR KEY'.

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LINEAR MEASURE:  mm (INCH)	
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 $\pm 1^\circ$	

DRAWING TITLE						
JBX, SIZE 2, FEMALE INSULATOR, PCB CONTACT						
CAT NO.						
JBX2INSFP						
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				
JBX2INSFPC		B				
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		WWW.SOURIAU.COM		1 OF 4		

CONTACT TYPE : F (FEMALE)
CONTACT TERMINATION : P (PCB)

MATERIAL:

CONTACT: CUPRO-NICKEL

INSULATOR: PEEK

FINISH:

CONTACTS : GOLD

CATALOG NUMBER DESCRIPTION

JBXXX 2 X YY F P 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

B

A

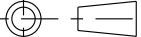
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DWG. NO.
JBX2INSFPC

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

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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

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LINEAR MEASURE:

mm

INCH

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: 09922SIZE: B

CUSTOMER

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

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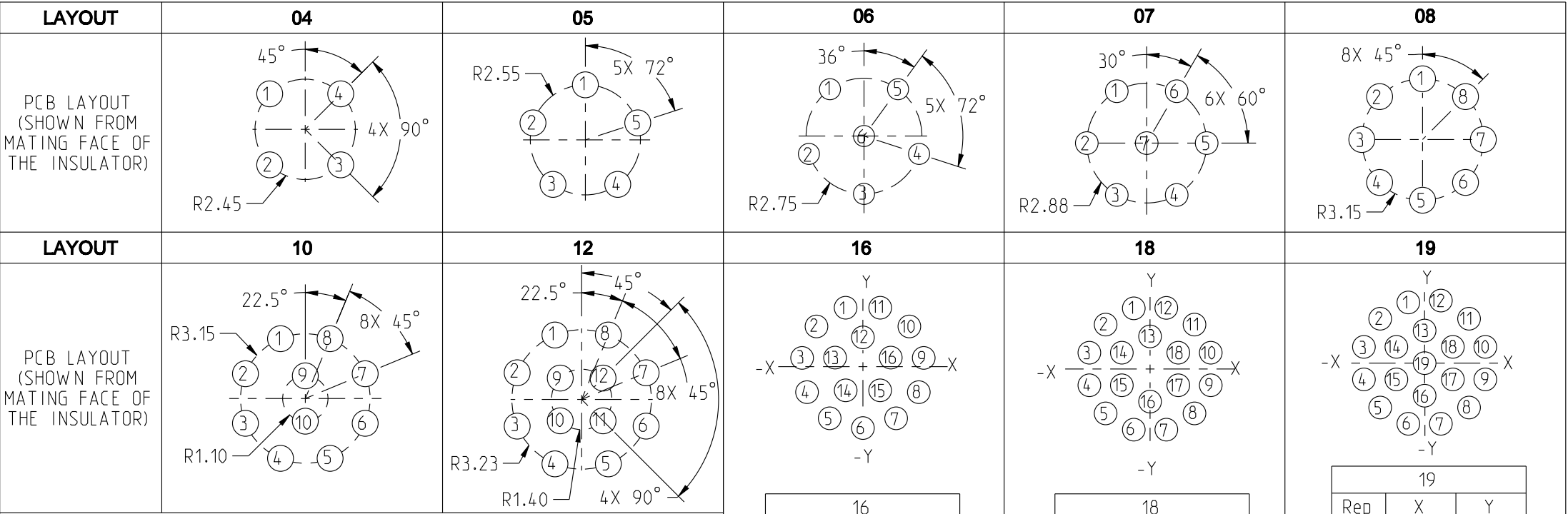
APPROVAL

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
3 OF 4		

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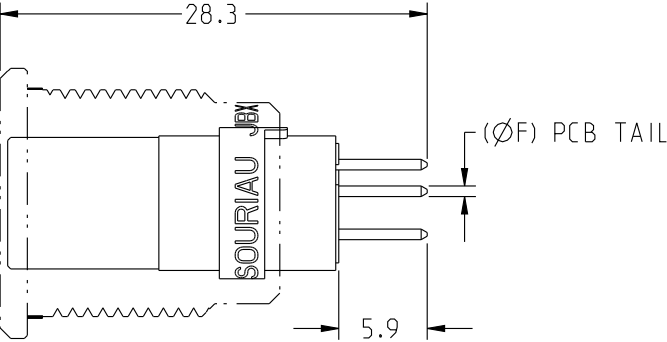
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DWG. NO.
JBX2INSFPC



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 $\pm 1^\circ$	

DRAWING TITLE
JBX, SIZE 2, FEMALE INSULATOR, PCB CONTACT

CAT NO.
JBX2INSFP

CAGE NO: 09922SIZE: 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