

4

3

2

1

D

NOTES:

MATERIAL:

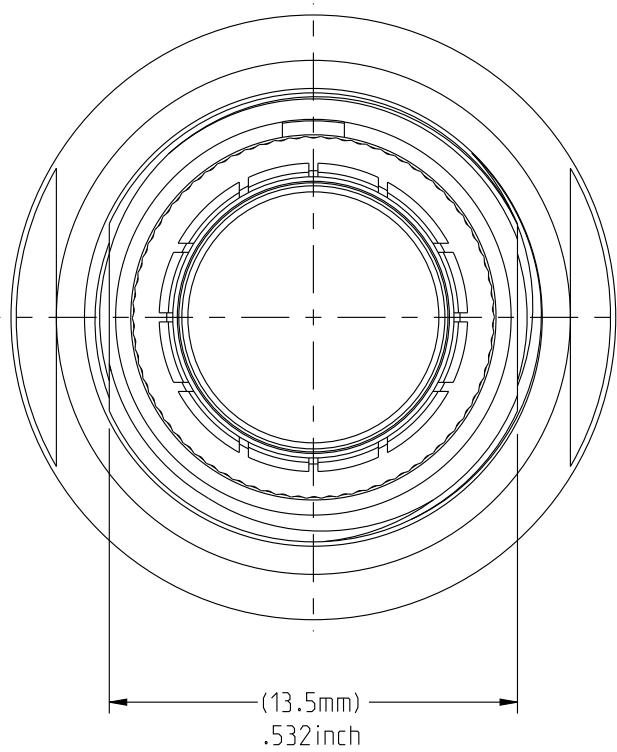
OUTER SHELL :
SHIELD RING & PANEL NUT: } BRASS

FINISH:

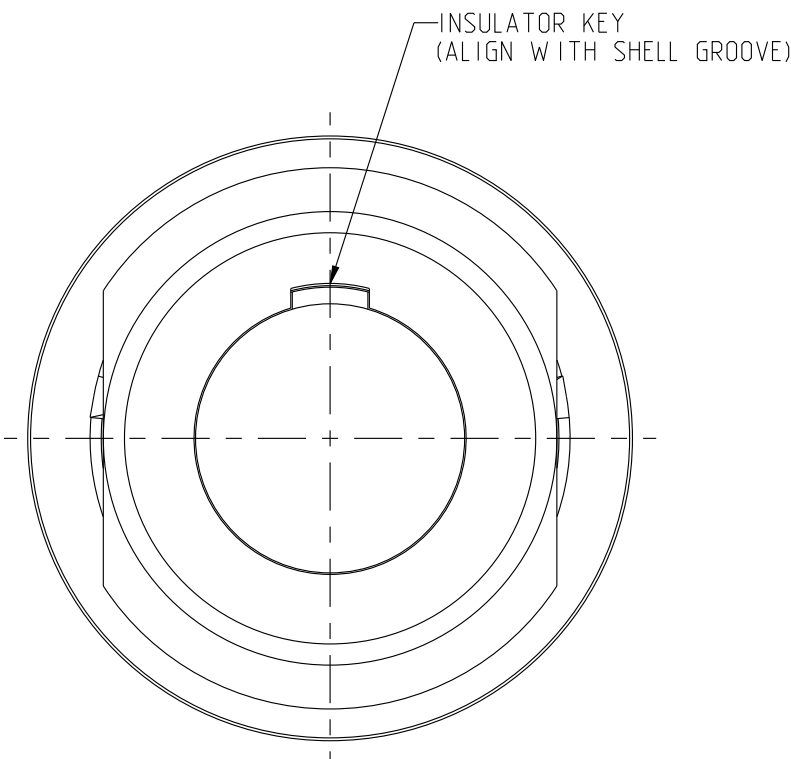
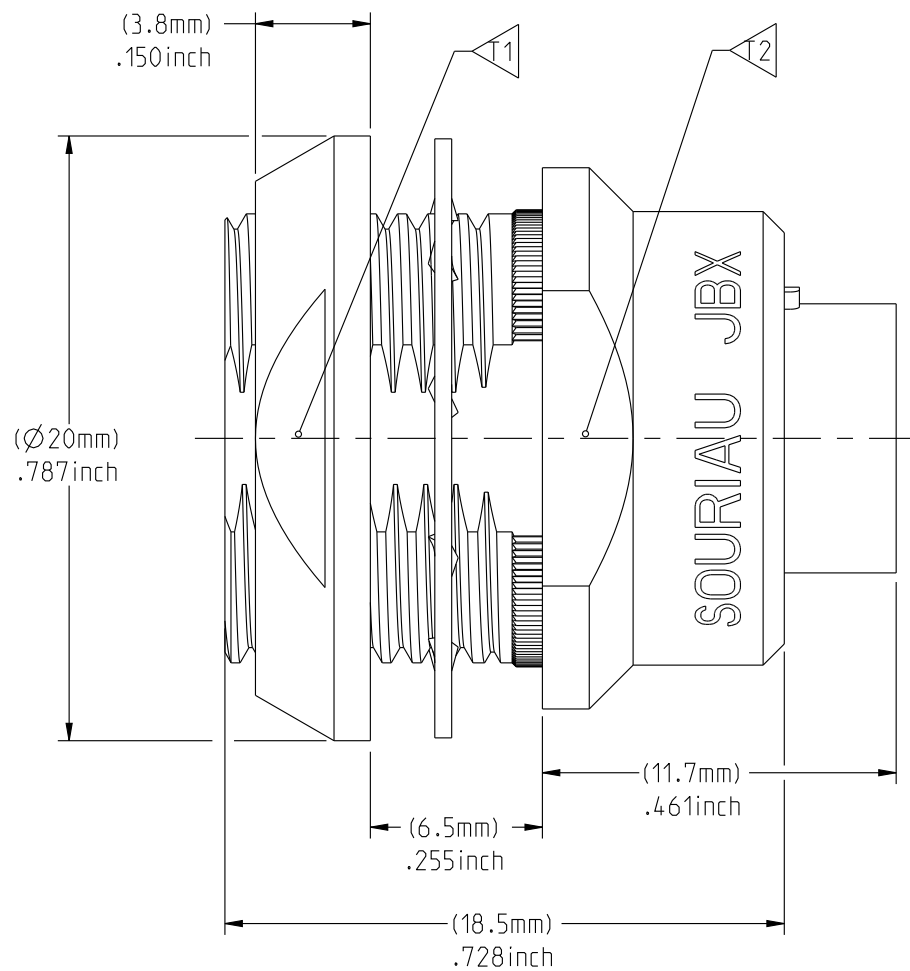
OUTER SHELL: CHROME

OTHER BRASS PARTS : NICKEL

T * > TOOLS



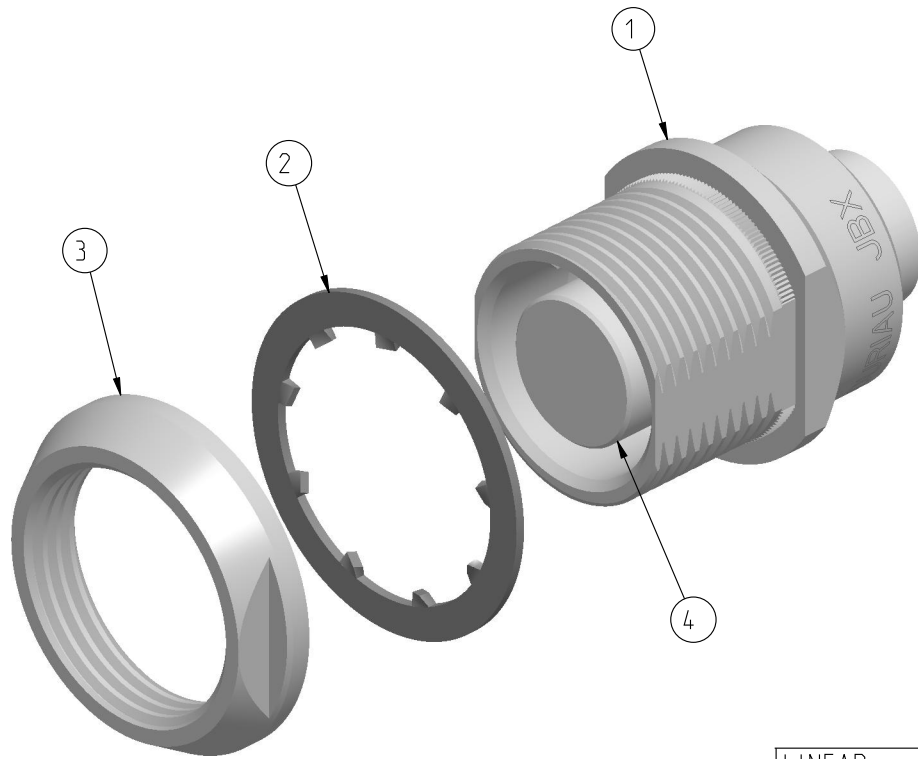
MATING SIDE VIEW



WIRE SIDE VIEW

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

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



SCALE 5:2

ORIGIN	COUNTRY	JURISDICTION	CLASSIFICATION
X	FR	Not listed	N/A
	US	EAR	ECCN =EAR99
		These commodities, technology or software are exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited	

LINEAR MEASURE:	 mm (INCH)	mm (INCH)
THIRD ANGLE PROJECTION		
		
TOLERANCES		
UNLESS OTHERWISE SPECIFIED		
No. OF PLACES	mm [INCH]	
WHOLE No.	±0.5 [±.02]	
ONE PLACE	±0.2 [±.008]	
TWO PLACES	±0.1 [±.004]	
ANGLES ±1°		

DRAWING TITLE									
JBX, SIZE 2, BACK PANEL MOUNTING RECEPTACLE									
CAT NO.									
JBXEP2									
CAGE NO: 09922		SIZE: C		CUSTOMER SOURIAU www.souriau.com		APPROVAL	DRAWN: SKV		01-14-15
		CHKD : EV					01-14-15		
		DSGN : EV					01-14-15		
		MFG : DH					01-14-15		
		QC : BB					01-14-15		
						DRAWING SCALE: 4:1			
						DRAWING NO.		REV	
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.						JBXEP2C		A	
						1 OF 1			

PRO-E

<i>CATALOG</i>	<i>NUMBER</i>	<i>DESCRIPTION</i>
----------------	---------------	--------------------

JBX EP 2 XXXXXXDX-

BASIC SERIES

OPTION

SHELL TYPE

INSERT MATERIAL

SHELL SIZE

COLLET OPTION

KEYING

SURFACE PLATING

SEE INSULATOR DRAWING

THIS DRAWING IS A CONTROLLED DOCUMENT FOR SOURIAU USA, INC.
IT IS SUBJECT TO CHANGE WITHOUT NOTIFICATION.
CONTACT THE DOCUMENT CONTROL CENTER FOR THE LATEST REVISION.

THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE
DISCLOSED WITHOUT WRITTEN CONSENT FROM SOURIAU USA, INC.

DWG. NO.
JBX2INSFSC

FEMALE INSULATOR, SOLDER CONTACT

CONTACT LAYOUT	02	03	04	05
FRONT SIDE VIEW				
REAR SIDE VIEW				
CONTACT				
ISO VIEW				
CONTACT	ØC	2	1.6	1.3
	ØF	1.9	1.5	1.1
	MAX. AWG	16	18	20
	MAX. CURRENT RATING (A)	30	17	15
	CONTACT RESISTANCE (mΩ)	2.5	2.5	3
INSULATOR	NUMBER OF CAVITY	2	3	4
	MAX. CURRENT RATING	30	17	15
	TEST VOLTAGE (Vrms)	2100	1700	2400
	WORKING VOLTAGE (Vdc/Vrms)	1000/700	830/560	1000/700

ORIGIN	COUNTRY	JURISDICTION	CLASSIFICATION
X	FR	Not listed	N/A
	US	EAR	ECCN =EAR99
These commodities, technology or software are exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited			

LINEAR MEASURE:

mm

INCH

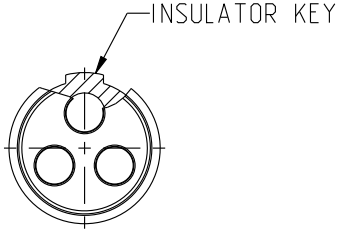
 mm (INCH)

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°



CONTACT TYPE : F (FEMALE)
CONTACT TERMINATION : S (SOLDER)

MATERIAL :
CONTACT: CUPRO-NICKEL
CLIP: COPPER ALLOY
INSULATOR: PEEK
FINISH :
CONTACTS : GOLD

CATALOG NUMBER DESCRIPTION

JBXXX 2 X YY F S XXXX

BASIC SERIES

SHELL TYPE

SHELL SIZE

KEYING

CONTACT LAYOUT

OPTION

INSERT MATERIAL

COLLET OPTION

SURFACE PLATING

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, SOLDER CONTACT

CAT NO. JBX2INSFS

CAGE NO: 09922

SIZE: B

CUSTOMER

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

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
JBX2INSFSC	B
1 OF 3	

THIS DRAWING IS A CONTROLLED DOCUMENT FOR SOURIAU USA, INC.
IT IS SUBJECT TO CHANGE WITHOUT NOTIFICATION.
CONTACT THE DOCUMENT CONTROL CENTER FOR THE LATEST REVISION.

THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE
DISCLOSED WITHOUT WRITTEN CONSENT FROM SOURIAU USA, INC.

DWG. NO.
JBX2INSFSC

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	1.1	1.1	0.8	0.8
	MAX. AWG	20	20	24	24
	MAX. CURRENT RATING (A)	15	15	10	10
	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
INSULATOR	WORKING VOLTAGE (Vdc/Vrms)	900/630	730/500	830/560	830/560

ORIGIN	COUNTRY	JURISDICTION	CLASSIFICATION
X	FR	Not listed	N/A
	US	EAR	ECCN =EAR99
These commodities, technology or software are exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited			

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, SOLDER CONTACT						
CAT NO.						
JBX2INSFS						
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		
JBX2INSFSC			B			
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		WWW.SOURIAU.COM		2 OF 3		

WWW.SOURIAU.COM

PRO-E

THIS DRAWING IS A CONTROLLED DOCUMENT FOR SOURIAU USA, INC.
IT IS SUBJECT TO CHANGE WITHOUT NOTIFICATION.
CONTACT THE DOCUMENT CONTROL CENTER FOR THE LATEST REVISION.

THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE
DISCLOSED WITHOUT WRITTEN CONSENT FROM SOURIAU USA, INC.

DWG. NO.
JBX2INSFSC

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	0.81	0.81	0.81	0.81
	MAX. AWG	22	22	22	22
	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
These commodities, technology or software are exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited			

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, SOLDER CONTACT						
CAT NO.						
JBX2INSFS						
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		
JBX2INSFSC				B		
3 OF 3						
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.				WWW.SOURIAU.COM		

WWW.SOURIAU.COM