

**ELECTRICAL:**

EMI SHIELDING : SHIELDED FOR THE RANGE 55dB UP TO 100MHZ

INSULATION RESISTANCE : >500MΩ PER ANSI-EIA-364-D METHOD 21

MAX. CURRENT RATING : SEE INSULATOR DRAWING

CONNECTOR TESTING VOLTAGE : SEE INSULATOR DRAWING

CONNECTOR WORKING VOLTAGE : SEE INSULATOR DRAWING

**ENVIRONMENTAL:**

ENDURANCE: 1000 CYCLES AS PER MIL-STD 1344A, METHOD 2016.1

SHOCK: 50 g , DURATION 6 ms; AS PER MIL-STD 1344A, METHOD 2004.1

VIBRATIONS: 10 TO 2000Hz g = 15g, AS PER MIL-STD 1344A, METHOD 2005.1

PROTECTION INDEX: IP 67 AS PER CEI 529

ROHS COMPLIANT

SALT MIST : 48Hr PER SAE AS 1344 METHOD 1001.1 CEI 529

**OPERATING TEMPERATURE:** -40°C TO +80°C (-40°F TO +176°F)

MASS (g)	VOLUME (mm <sup>3</sup> )
16.6	3159

NOTES:

1 RED BAND

MATERIAL:

OUTER SHELL : } BRASS

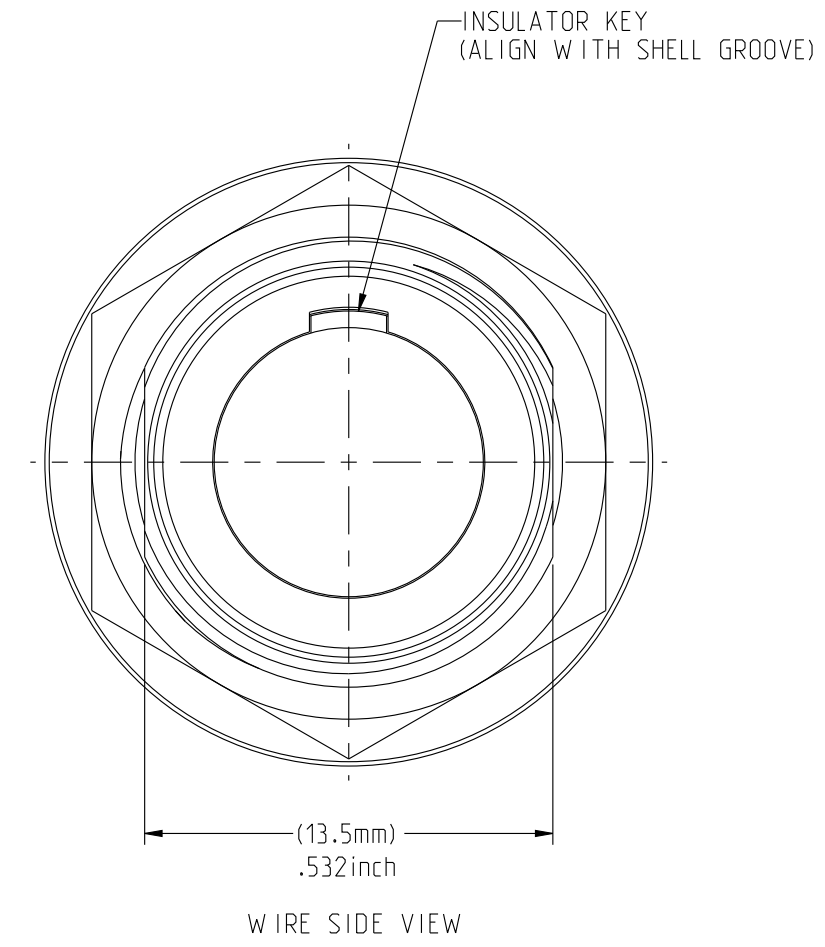
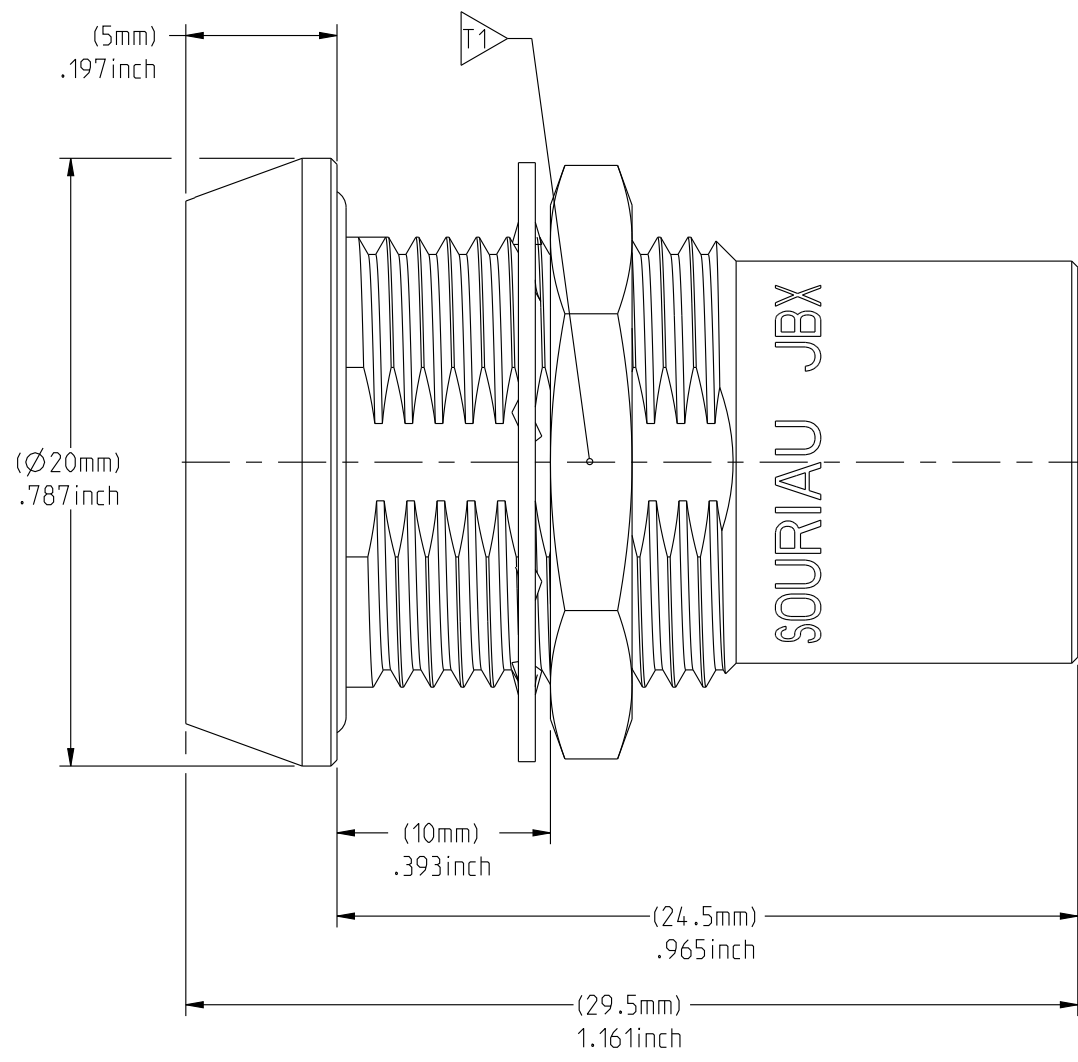
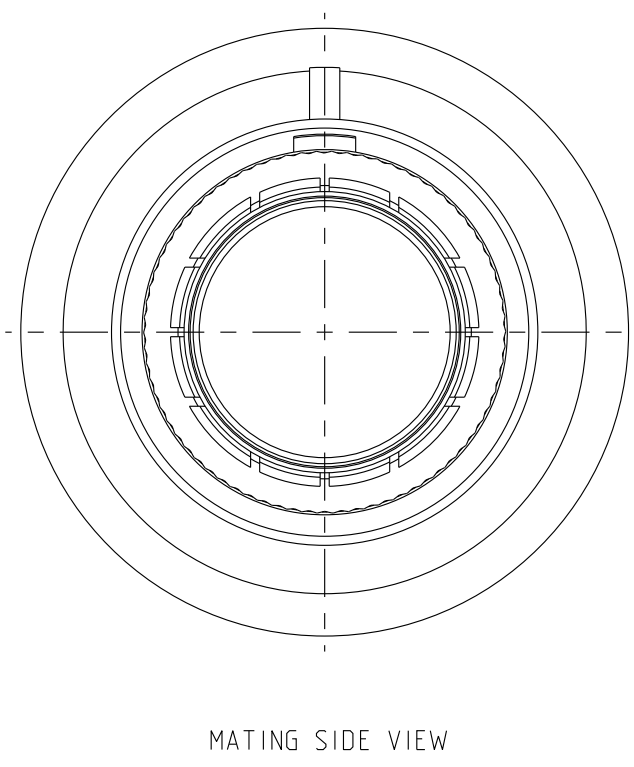
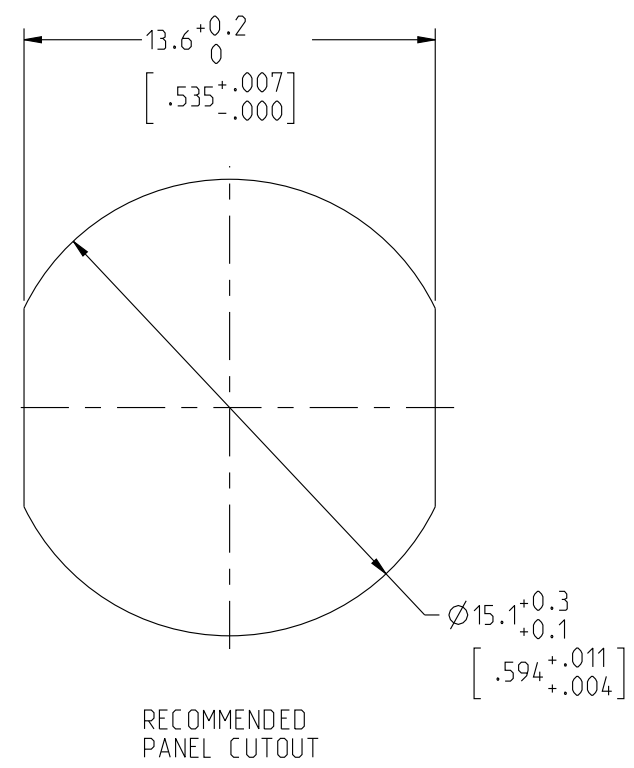
SHIELD RING & NUT: }

FINISH:

OUTER SHELL: CHROME

OTHER BRASS PARTS : NICKEL

TOOLS



PART LIST	
ITEM NO.	DESCRIPTION
1	SHELL
2	HEX NUT
3	LOCK WASHER

	TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
	17	1.7

**CATALOG NUMBER DESCRIPTION**

**JBX HH 2 XXXXX DSR**

**BASIC SERIES** \_\_\_\_\_

**SHELL TYPE** \_\_\_\_\_

**SHELL SIZE** \_\_\_\_\_

**KEYING** \_\_\_\_\_

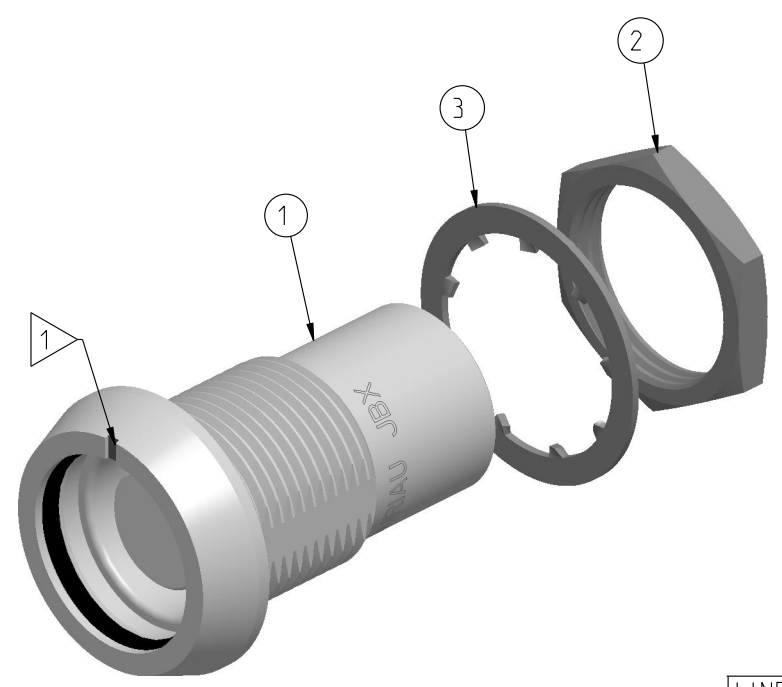
**SEE INSULATOR DRAWING** \_\_\_\_\_

**OPTION** \_\_\_\_\_

**INSERT MATERIAL** \_\_\_\_\_

**COLLET OPTION** \_\_\_\_\_

**SURFACE PLATING** \_\_\_\_\_



SCALE 2:1

LINEAR MEASURE:		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, SEALED FRONT PANEL MOUNTING RECEPTACLE**

CAT NO. **JBXHH2**

CAGE NO: 09922 SIZE: C

**CUSTOMER**

**SOURIAU**

www.souriau.com

1 OF 1

APPROVAL	DRAWN: SKV	01-21-15
	CHKD : EV	01-21-15
	DSGN : EV	01-21-15
	MFG : DH	01-21-15
	QC : BB	01-21-15
DRAWING SCALE: 4:1		
DRAWING NO.		REV
<b>JBXHH2C</b>		A

PRO-E

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C

B

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D

C

B

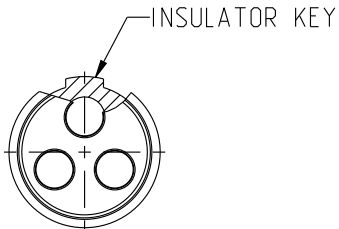
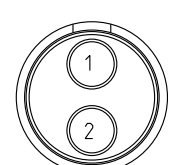
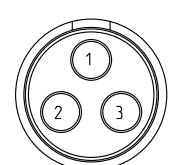
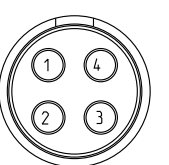
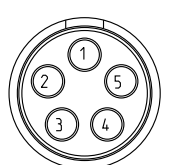
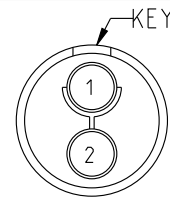
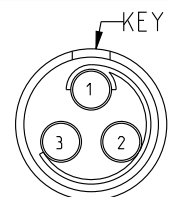
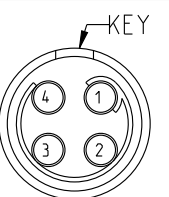
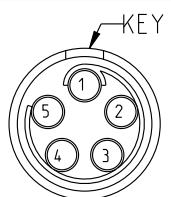
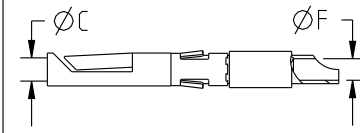
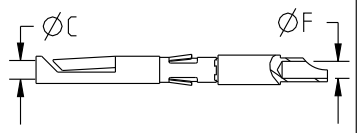
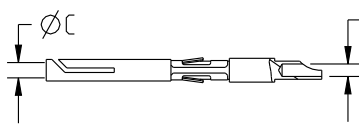
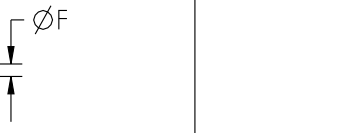
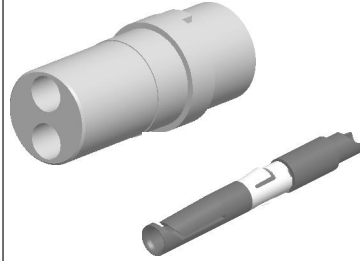
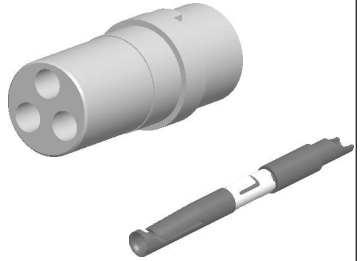
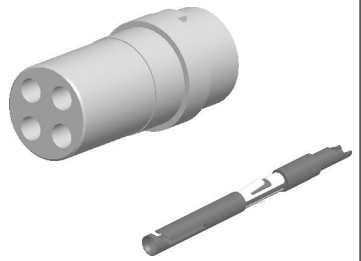
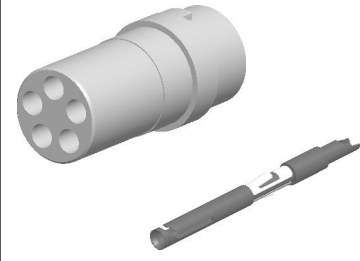
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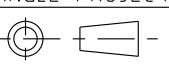
2

1

DWG. NO. JBX2INSFSC	<b>FEMALE INSULATOR, SOLDER CONTACT</b>				<p><b>CONTACT TYPE :</b> F (FEMALE)</p> <p><b>CONTACT TERMINATION :</b> S (SOLDER)</p> <p><b>MATERIAL :</b></p> <p>CONTACT: CUPRO-NICKEL</p> <p>CLIP: COPPER ALLOY</p> <p>INSULATOR: PEEK</p> <p><b>FINISH :</b></p> <p>CONTACTS : GOLD</p>		
<b>CONTACT LAYOUT</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>			
FRONT SIDE VIEW							
REAR SIDE VIEW							
CONTACT					<p style="text-align: center;"><b>CATALOG NUMBER DESCRIPTION</b></p> <p style="text-align: center;"><b>JBXXX 2 X YY F S XXXX</b></p> <p><b>BASIC SERIES</b> ————</p> <p><b>SHELL TYPE</b> ————</p> <p><b>SHELL SIZE</b> ————</p> <p><b>KEYING</b> ————</p> <p><b>CONTACT LAYOUT</b> ————</p> <p style="text-align: right;"><b>OPTION</b></p> <p style="text-align: right;"><b>INSERT MATERIAL</b></p> <p style="text-align: right;"><b>COLLET OPTION</b></p> <p style="text-align: right;"><b>SURFACE PLATING</b></p> <p style="text-align: right;"><b>CONTACT TERMINATION</b></p> <p style="text-align: right;"><b>CONTACT TYPE</b></p>		
ISO VIEW							
$\varnothing C$	2	1.6	1.3	1.3			
$\varnothing F$	1.9	1.5	1.1	1.1			
MAX. AWG	16	18	20	20			
MAX. CURRENT RATING (A)	30	17	15	15			
CONTACT RESISTANCE (m $\Omega$ )	2.5	2.5	3	3			
NUMBER OF CAVITY	2	3	4	5			
MAX. CURRENT RATING	30	17	15	14			
TEST VOLTAGE (Vrms)	2100	1700	2400	1900			
WORKING VOLTAGE (Vdc/Vrms)	1000/700	830/560	1000/700	900/630			

B

A

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, SOLDER CONTACT**

CAT. NO. **JBX2INSFS**

CAGE NO: 09922	SIZE: B		
<b>CUSTOMER</b>		<b>SOURIAU</b>	
WWW.SOURIAU.COM		1 OF 3	

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

2

1

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2

1

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
	ØF	1.1	1.1	0.8
	MAX. AWG	20	20	24
	MAX. CURRENT RATING (A)	15	15	10
INSULATOR	CONTACT RESISTANCE (mΩ)	3	3	3.5
	NUMBER OF CAVITY	6	7	8
	MAX. CURRENT RATING	12	11	10
	TEST VOLTAGE (Vrms)	1900	1500	1700
WORKING VOLTAGE (Vdc/Vrms)	900/630	730/500	830/560	830/560

DRAWING TITLE  
**JBX, SIZE 2, FEMALE INSULATOR, SOLDER CONTACT**

CAT. NO. **JBX2INSFS**

CAGE NO: 09922    SIZE: B

**CUSTOMER**

**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		
JBX2INSFSC	B	
2 OF 3		

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

B

A

2

1

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2

1

DWG. NO. JBX2INSFSC						
<b>CONTACT LAYOUT</b>	<b>12</b>	<b>16</b>	<b>18</b>	<b>19</b>		
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	
	CONTACT RESISTANCE (mΩ)	5	5	5	5	
	NUMBER OF CAVITY	12	16	18	19	
	INSULATOR	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		
DRAWING TITLE <b>JBX, SIZE 2, FEMALE INSULATOR, SOLDER CONTACT</b>						
CAT. NO. <b>JBX2INSFS</b>						
CAGE NO: 09922		SIZE: B				
<b>CUSTOMER</b>		<b>SOURIAU</b>				
WWW.SOURIAU.COM		3 OF 3				
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						

B

A

2

1

PRO-E

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°	

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

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