

ELECTRICAL:

EMI SHIELDING :

INSULATION RESISTANCE :

MAX. CURRENT RATING :

CONNECTOR TESTING VOLTAGE :

CONNECTOR WORKING VOLTAGE :

ENVIRONMENTAL:

ENDURANCE:

SHOCK:

VIBRATIONS:

PROTECTION INDEX:

ROHS COMPLIANT

SALT MIST :

OPERATING TEMPERATURE:

SHIELDED FOR THE RANGE 55dB UP TO 100MHz

>500M Ω PER ANSI-EIA-364-D METHOD 21

SEE INSULATOR DRAWING

SEE INSULATOR DRAWING

SEE INSULATOR DRAWING

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

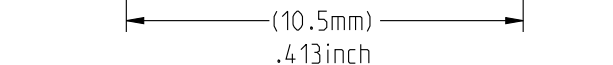
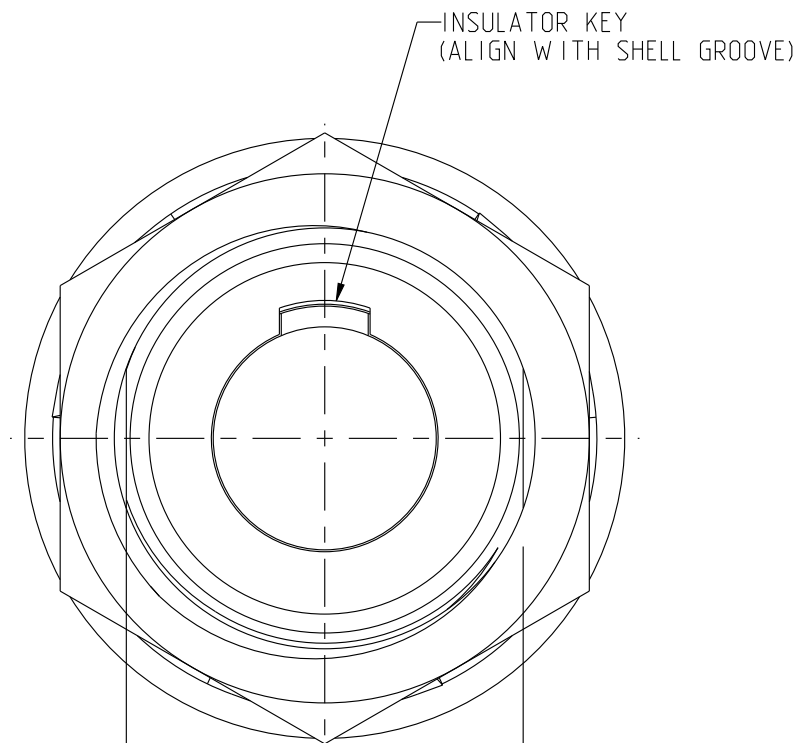
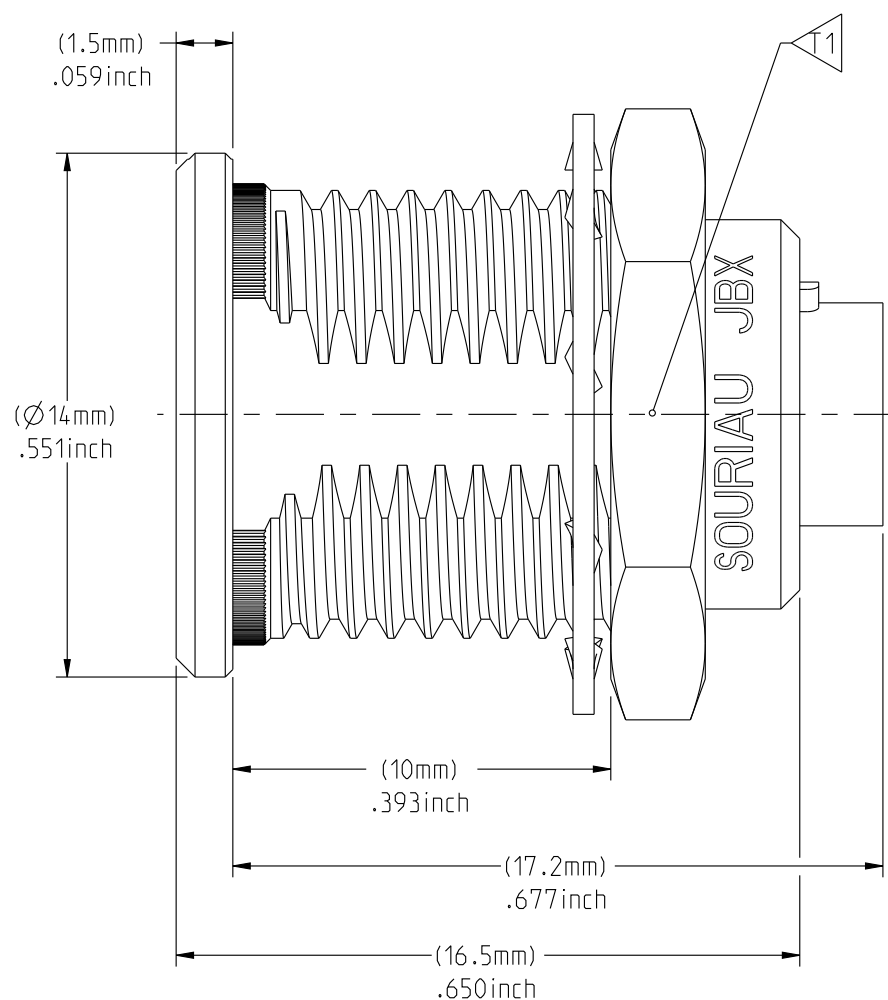
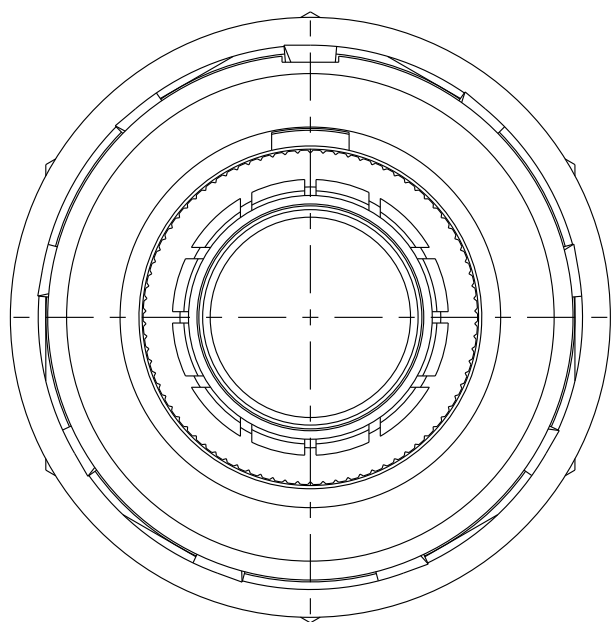
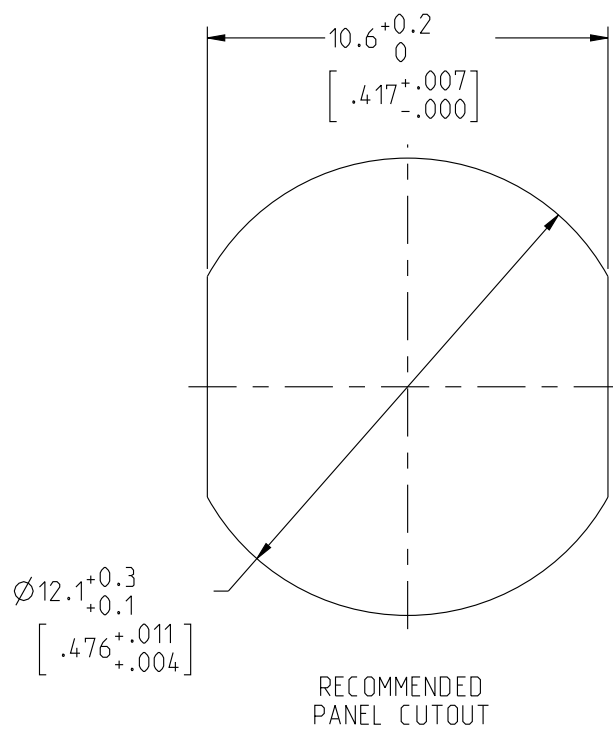
50 g , DURATION 6 ms; AS PER MIL-STD 1344A, METHOD 2004.1

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

IP 40 AS PER CEI 529

48Hr PER SAE AS 1344 METHOD 1001.1 CEI 529

-55°C TO +125°C (-67°F TO +257°F)



	TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
	14	1.3

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

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

JBX ER 1 XXXXXDXR

BASIC SERIES

SHELL TYPE

SHELL SIZE

KEYING

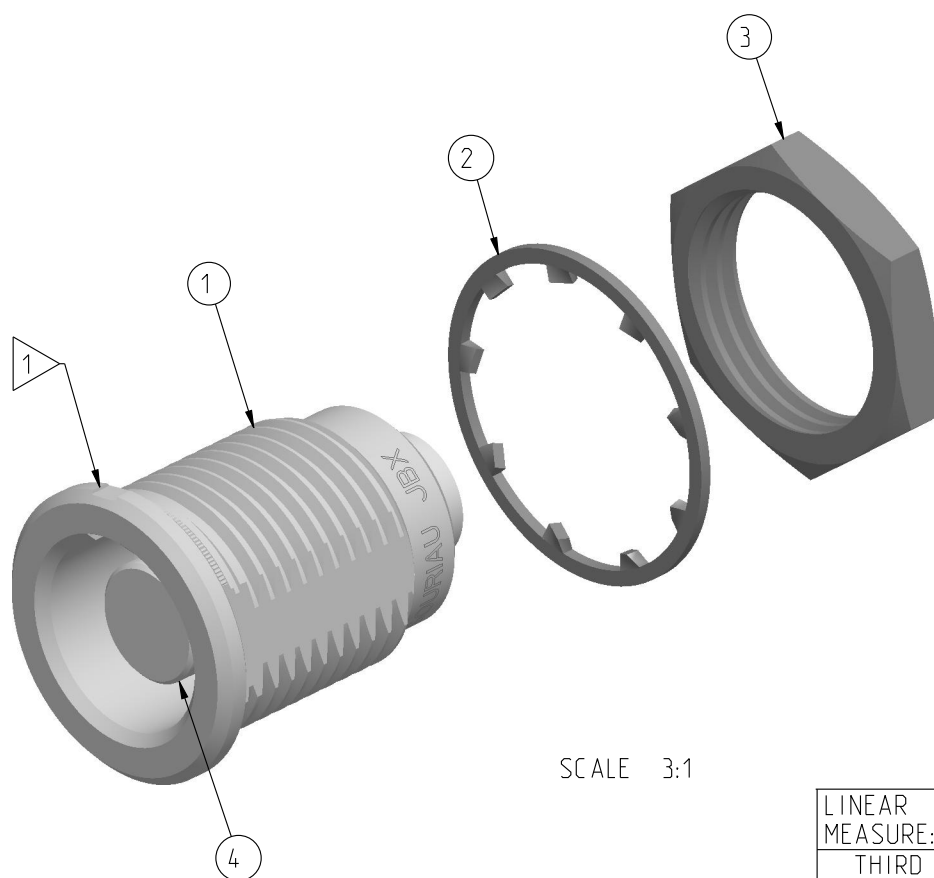
SEE INSULATOR DRAWING

OPTION

INSERT MATERIAL

COLLET OPTION

SURFACE PLATING



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

A		RELEASED PER ECN 12258		SKV 06-10-15	EV 06-10-15										
REV		DESCRIPTION		BY DATE	CHKD DATE										
DRAWING TITLE															
JBX, SIZE 1, FRONT PANEL MOUNTING RECEPTACLE															
CAT NO.															
JBXER1															
CAGE NO: 09922		SIZE: C													
CUSTOMER		SOURIAU		APPROVAL <table><tr><td>DRAWN: SKV</td><td>01-12-15</td></tr><tr><td>CHKD : EV</td><td>01-12-15</td></tr><tr><td>DSGN : EV</td><td>01-12-15</td></tr><tr><td>MFG : DH</td><td>01-12-15</td></tr><tr><td>QC : BB</td><td>01-12-15</td></tr></table>		DRAWN: SKV	01-12-15	CHKD : EV	01-12-15	DSGN : EV	01-12-15	MFG : DH	01-12-15	QC : BB	01-12-15
						DRAWN: SKV	01-12-15								
CHKD : EV	01-12-15														
DSGN : EV	01-12-15														
MFG : DH	01-12-15														
QC : BB	01-12-15														
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		www.souriau.com													
		DRAWING SCALE: 5:1													
		DRAWING NO.		REV											
		JBXERIC		A											
		1 OF 1													

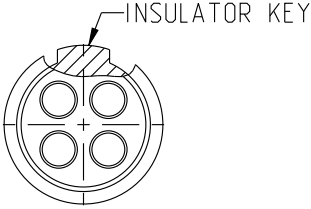
THIS DRAWING IS A CONTROLLED DOCUMENT FOR SOURIAU USA, INC. IT IS SUBJECT TO CHANGE WITHOUT NOTIFICATION. CONTACT THE DOCUMENT CONTROL CENTER FOR THE LATEST REVISION.

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

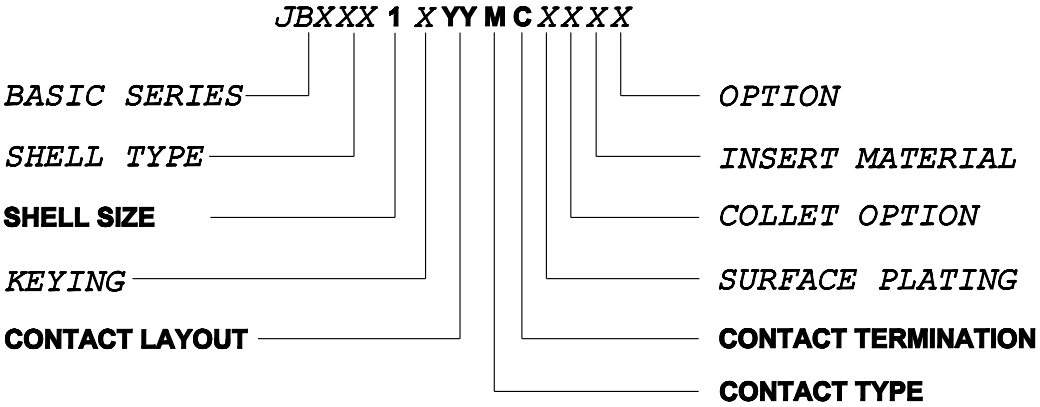
DWG. NO.
JBX1INSMCC

MALE INSULATOR, CRIMP CONTACT

CONTACT LAYOUT	02	03	04	05
FRONT SIDE VIEW				
REAR SIDE VIEW				
CONTACT				
ISO VIEW				
CONTACT	ØC	1.3	1.3	0.9
	ØF	1.4	1.4	1.1
	MAX. AWG	18	18	20
	MAX. CURRENT RATING (A)	15	15	10
	CONTACT RESISTANCE (mΩ)	3	3	3.5
INSULATOR	NUMBER OF CAVITY	2	3	4
	MAX. CURRENT RATING	15	12	9
	TEST VOLTAGE (Vrms)	1600	1300	1900
	WORKING VOLTAGE (Vdc/Vrms)	760/530	600/420	900/630



CATALOG NUMBER DESCRIPTION



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

DRAWING TITLE
JBX, SIZE 1, MALE INSULATOR, CRIMP CONTACT

CAT NO.
JBX1INSMC

CAGE NO: 09922SIZE: B

CUSTOMER

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

APPROVAL

DRAWN: SKV 02-02-15
CHKD : EV 02-02-15
DSGN : EV 02-02-15
MFG : DH 02-02-15
QC : BB 02-02-15

DRAWING SCALE: NA

DRAWING NO. REV

JBX1INSMCC B

1 OF 2

WWW.SOURIAU.COM

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 PLACESmm [INCH]

ONE PLACE±3 [±.1]

TWO PLACES±0.5 [±.02]

THREE PLACES±0.25 [±.010]

ANGLES±1°

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.
JBX1INSMCC

CONTACT LAYOUT	06	07	08
FRONT SIDE VIEW			
REAR SIDE VIEW			
CONTACT			
ISO VIEW			

CONTACT	ØC	0.7	0.7	0.7
	ØF	0.85	0.85	0.85
	MAX. AWG	22	22	22
	MAX. CURRENT RATING (A)	7	7	7
INSULATOR	CONTACT RESISTANCE (mΩ)	5	5	5
	NUMBER OF CAVITY	6	7	8
	MAX. CURRENT RATING	7	7	5
	TEST VOLTAGE (Vrms)	1400	1400	1200
WORKING VOLTAGE (Vdc/Vrms)		660/460	660/460	600/420

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 1, MALE INSULATOR, CRIMP CONTACT						
CAT NO.						
JBX1INSMC						
CAGE NO: 09922		SIZE: B		APPROVAL		
CUSTOMER		SOURIAU			DRAWN: SKV	02-02-15
					CHKD : EV	02-02-15
					DSGN : EV	02-02-15
					MFG : DH	02-02-15
					QC : BB	02-02-15
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		WWW.SOURIAU.COM			DRAWING SCALE: NA	
				DRAWING NO. REV		
				JBX1INSMCC B		
2 OF 2						

B

A