

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

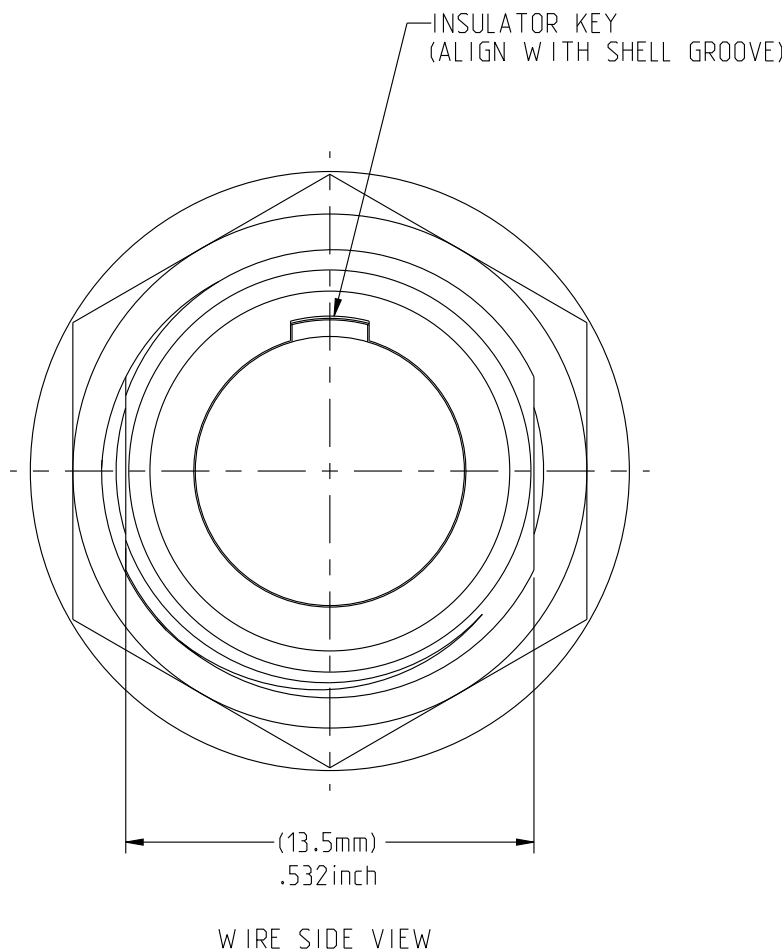
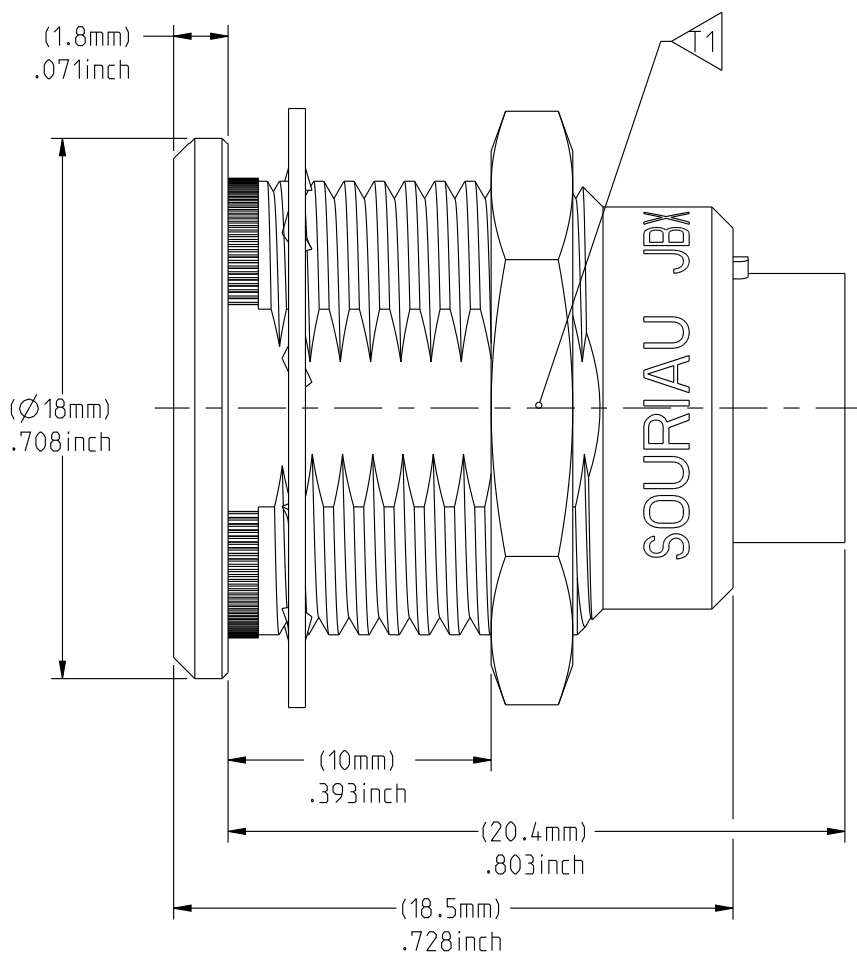
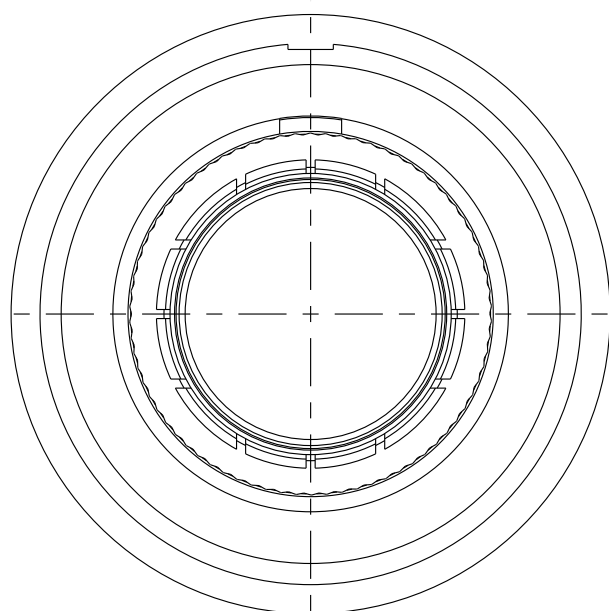
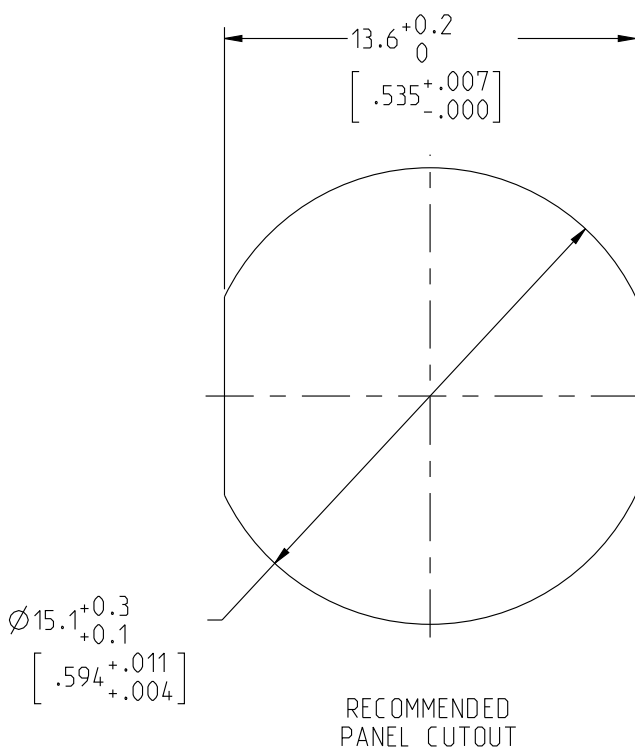
50 Ω , DURATION 6 ms; AS PER MIL-STD 1344A, METHOD 2004.1

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

IP 40 AS PER CEI 529

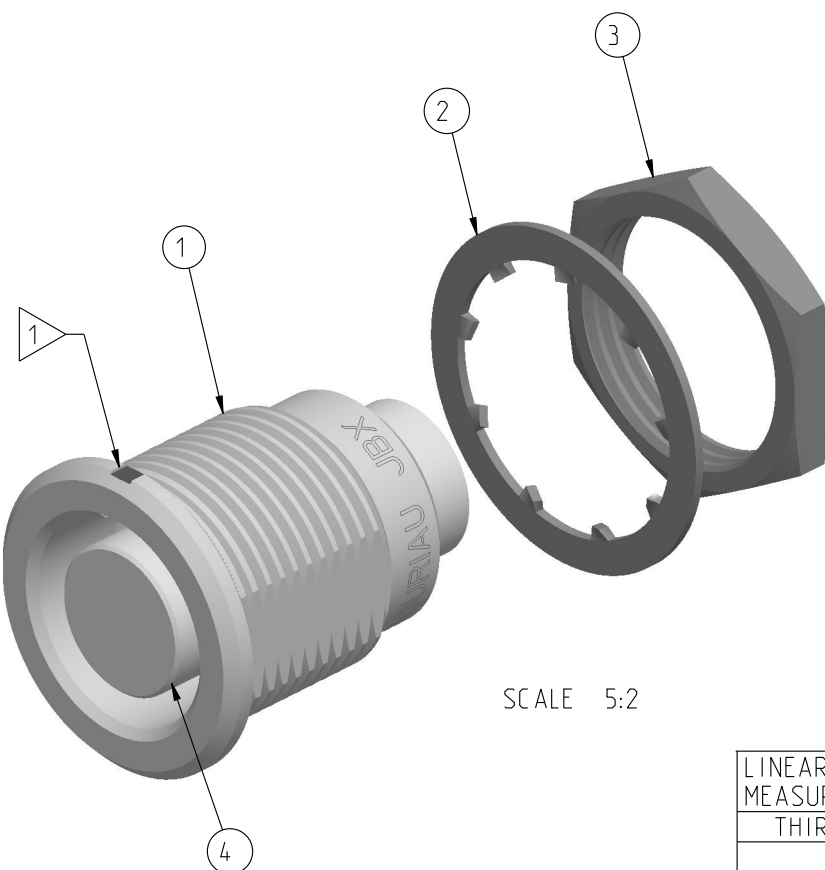
48Hr PFR SAF AS 1344 METHOD 1001.1 CFI 529

-55°C TO +125°C (-67°F TO +257°F)



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

	TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
	17	1.7



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

CATALOG NUMBER DESCRIPTION

JBX ER 2 XXXXXX DXR

BASIC SERIES _____

SHELL TYPE _____

SHELL SIZE _____

KEYING _____

SEE INSULATOR DRAWING _____

_____ *OPTION*

_____ *INSERT MATERIAL*

_____ *COLLET OPTION*

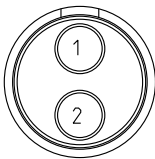
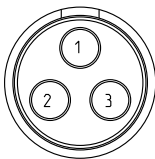
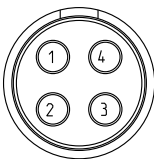
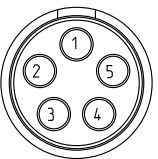
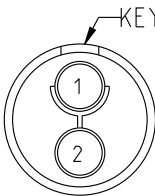
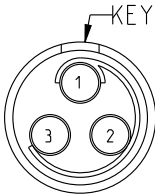
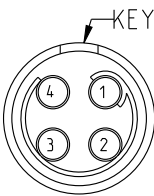
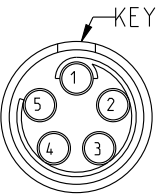
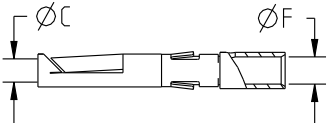
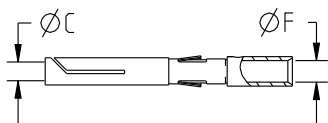
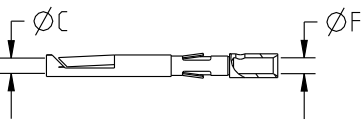
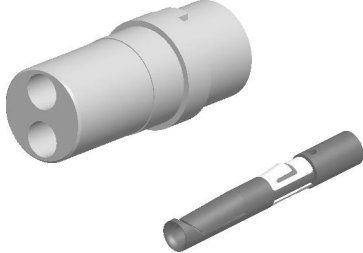
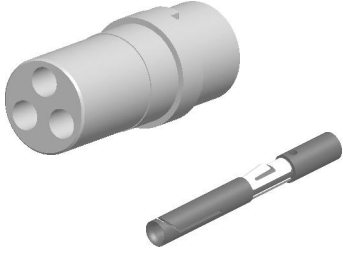
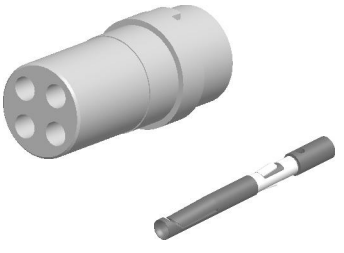
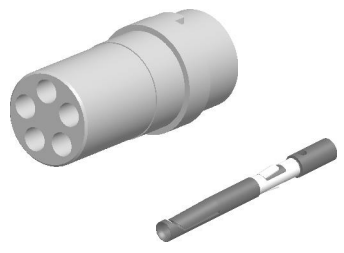
_____ *SURFACE PLATING*

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

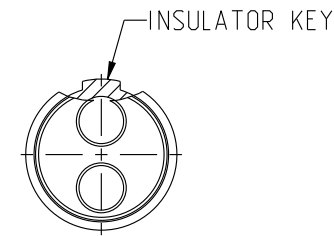
DRAWING TITLE				
JBX, SIZE 2, FRONT PANEL MOUNTING RECEPTACLE				
CAT NO.				
JBXER2				
CAGE NO: 09922	SIZE: C	APPROVAL	DRAWN: SKV	01-12-15
CUSTOMER			CHKD : EV	01-12-15
			DSGN : EV	01-12-15
			MFG : DH	01-12-15
			QC : BB	01-12-15
SOURIAU		DRAWING SCALE: 4:1		
		DRAWING NO.		REV
		JBXER2C		A
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		1 OF 1		
		www.souriau.com		

DWG. NO. JBX2INSFCC

FEMALE INSULATOR, CRIMP CONTACT

CONTACT LAYOUT	02	03	04	05
FRONT SIDE VIEW				
REAR SIDE VIEW				
CONTACT				
ISO VIEW				
ØC	2	1.6	1.3	1.3
ØF	2.4	1.9	1.4	1.4
MAX. AWG	12	14	18	18
MAX. CURRENT RATING (A)	30	17	15	15
CONTACT RESISTANCE (mΩ)	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

CONTACT TYPE :	F (FEMALE)
CONTACT TERMINATION :	C (CRIMP)
<u>MATERIAL</u> :	
CONTACT:	CUPRO-NICK
CLIP:	COPPER ALL
INSULATOR:	PEEK
<u>FINISH</u> :	
CONTACTS :	GOLD

[illegible]

JBXXX 2 X YY F C 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, CRIMP CONTACT

CAT NO.

JBX2INSFC

CAGE NO: 09922

SIZE: B

CUSTOMER

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
JBX2INSFCC		B
1 OF 3		

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

1 OF 3

PRO-E

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DWG. NO.
JBX2INSFCC

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	1.4	1.4	1.1	1.1
	MAX. AWG	18	18	20	20
	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

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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, CRIMP CONTACT				
CAT NO.				
JBX2INSFC				
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
DRAWING SCALE: NA				
DRAWING NO.		REV		
JBX2INSFCC		B		
2 OF 3				
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		WWW.SOURIAU.COM		

WWW.SOURIAU.COM

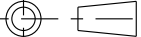
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DWG. NO.
JBX2INSFCC

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	0.85	0.85	0.85	0.85
	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

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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, CRIMP CONTACT						
CAT NO.						
JBX2INSFC						
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	
				JBX2INSFCC B		
				3 OF 3		

B

A

Mouser Electronics

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[JBXER2G08FCNDSR](#) [JBXER2G02FCSDSR](#) [JBXER2G03FCSDSR](#) [JBXER2G04FCSDSR](#) [JBXER2G06FCSDSR](#)
[JBXER2G08FCSDSR](#) [JBXER2G16FCSDSR](#) [JBXER2G18FCSDSR](#) [JBXER2G19FCSDSR](#)



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- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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