

ELECTRICAL:

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

INSULATION RESISTANCE : >500M Ω 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

PHYSICAL:

MAXIMUM WIRE SIZE USED : SEE INSULATOR DRAWING

CABLE DIAMETER WITH
PLASTIC COLLET SET SUPPLIED: Ø2.0 mm MIN. TO Ø7.5mm MAX.

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 40 AS PER CEI 529

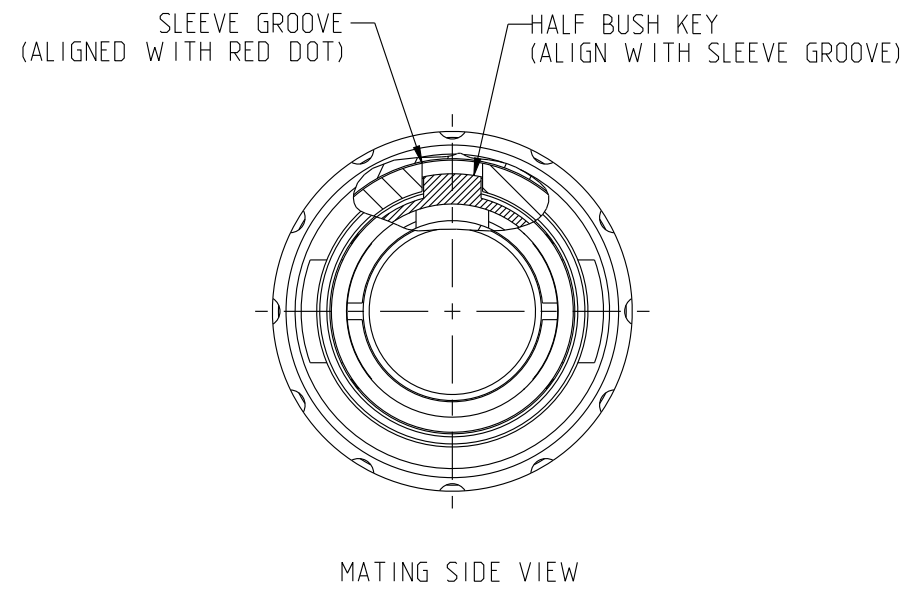
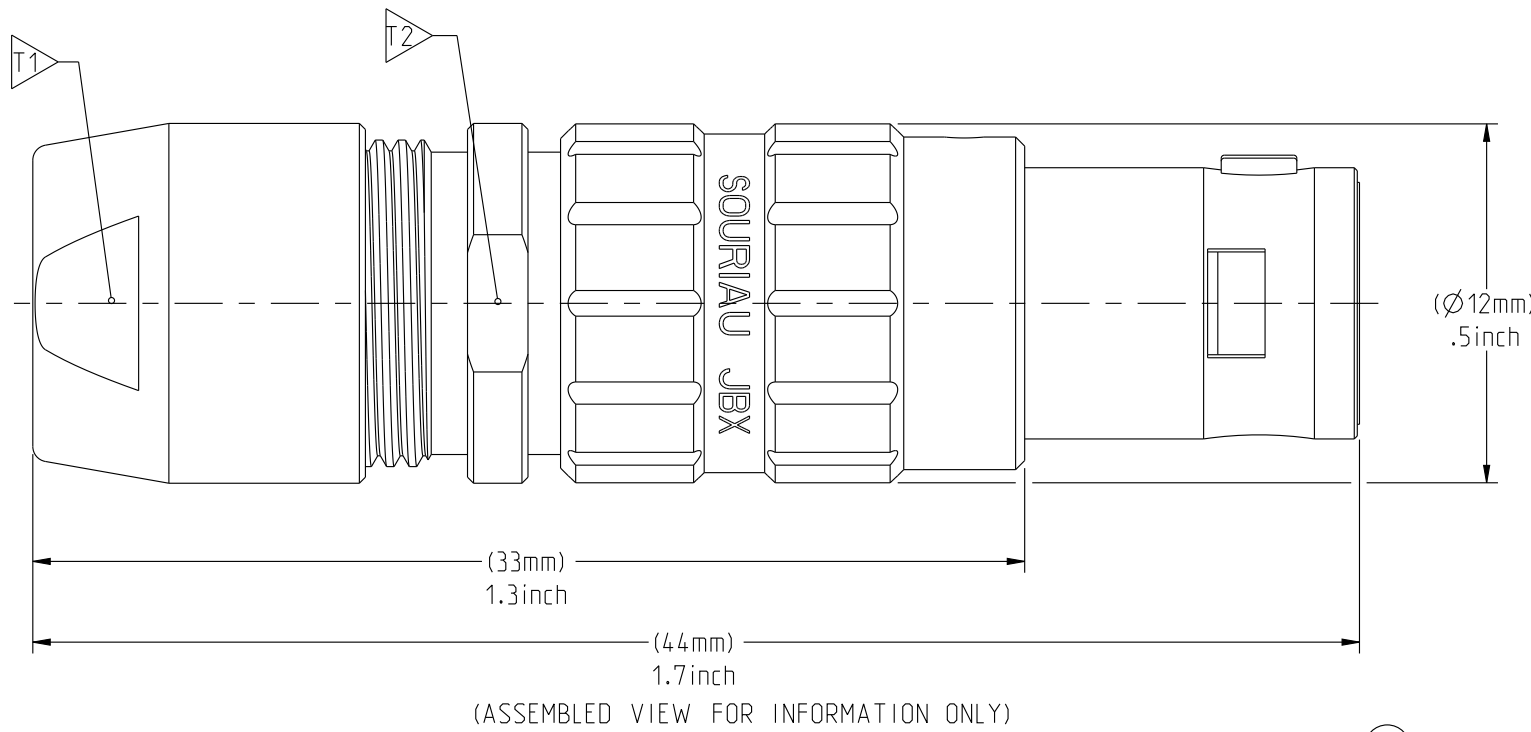
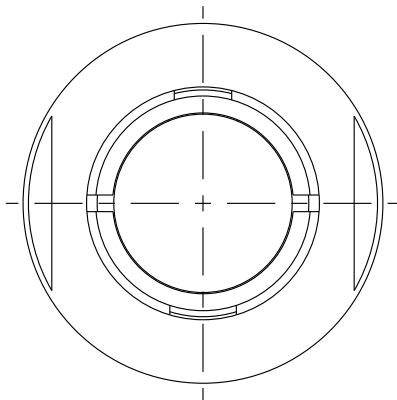
ROHS COMPLIANT

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

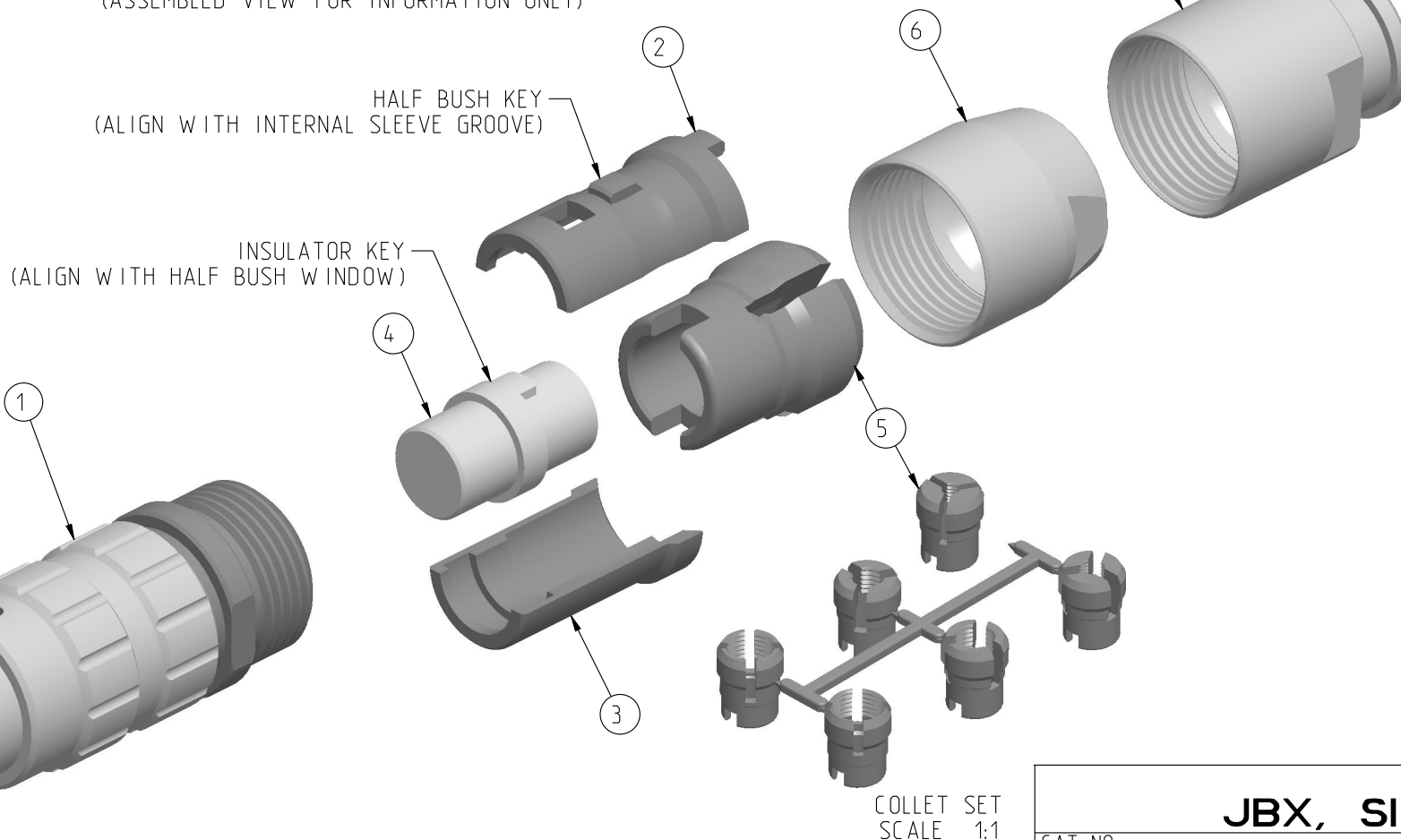
OPERATING TEMPERATURE:

WITH PLASTIC COLLETS: -55°C TO +125°C (-67°F TO +257°F)

WITH OPTIONAL METALLIC COLLETS: -55°C TO +200°C (-67°F TO +392°F)
(ONLY ON REQUEST)



PART LIST	
ITEM NO.	DESCRIPTION
1	SLEEVE
2	HALFBUSH WITH WINDOW
3	HALFBUSH WITHOUT WINDOW
4	INSULATOR
5	Ø2.0-Ø7.5 CABLE COLLET (CHOOSE PER CABLE SIZE)
6	STANDARD BACK NUT
6a	BACK NUT FOR PROTECTIVE BOOT (OPTIONAL)



		TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
	T1	10	1
	T2	11	-

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

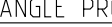
DRAWING TITLE
1, STRAIGHT PLUG

JBXC FDIC SOURIAU www.souriau.com	APPROVAL	DRAWN: TJS	01-07-15
		CHKD : EV	01-07-15
		DSGN : EV	01-07-15
		MFG : DH	01-07-15
		QC : BB	01-07-15
	DRAWING SCALE: 4:1		
	DRAWING NO.	REV	
JBXC		A	
1 OF 1			

APPROVAL	DRAWN: TJS	01-07-15
	CHKD : EV	01-07-15
	DSGN : EV	01-07-15
	MFG : DH	01-07-15
	QC : BB	01-07-15
DRAWING SCALE: 4:1		
DRAWING NO.		REV
JBXFD1C		A
1 OF 1		

DRAWING TITLE			
JBX, SIZE 1, STRAIGHT PLUG			
CAT NO.			
JBXFD1			
CAGE NO: 09922		SIZE: C	
CUSTOMER		SOURIAU	
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		DRAWING SCALE: 4:1	
		DRAWING NO. REV	
		JBXFD1C A	
		1 OF 1	
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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.	± 0.5 [$\pm .02$]		
ONE PLACE	± 0.2 [$\pm .008$]		
TWO PLACES	± 0.1 [$\pm .004$]		
ANGLES $\pm 1^\circ$			

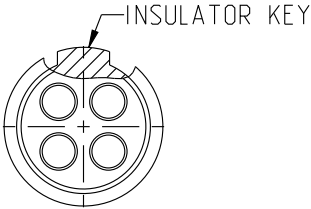
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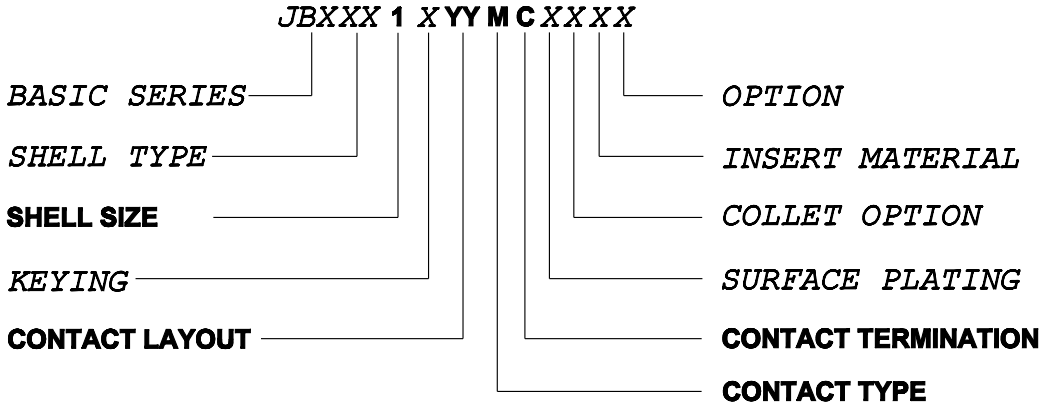
DWG. NO.
JBX11NSMCC

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
INSULATOR	CONTACT RESISTANCE (mΩ)	3	3	3.5
	NUMBER OF CAVITY	2	3	4
	MAX. CURRENT RATING	15	12	9
	TEST VOLTAGE (Vrms)	1600	1300	1900
INSULATOR	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. JBX11NSMC			
CAGE NO: 09922		SIZE: B	
CUSTOMER		SOURIAU	
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	
		JBX11NSMCC B	
		1 OF 2	
		WWW.SOURIAU.COM	

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	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°

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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

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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 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			

Mouser Electronics

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[JBXFD1G07MCSDSMR](#) [JBXFD1G05MCSDS](#)



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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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