

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: Ø3.5mm MIN. TO Ø9.7mm 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 $a \equiv 15g$, AS PER MIL-STD 1344A, METHOD 2005.1

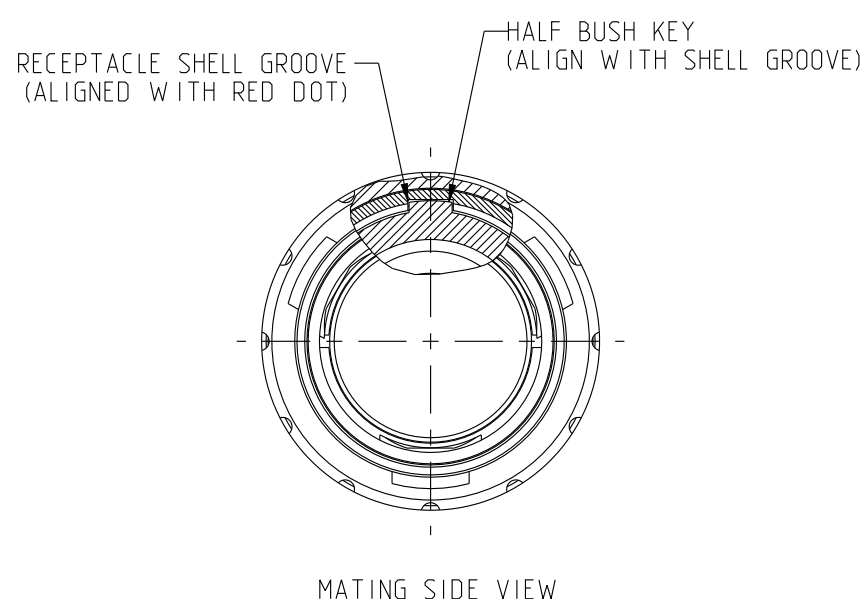
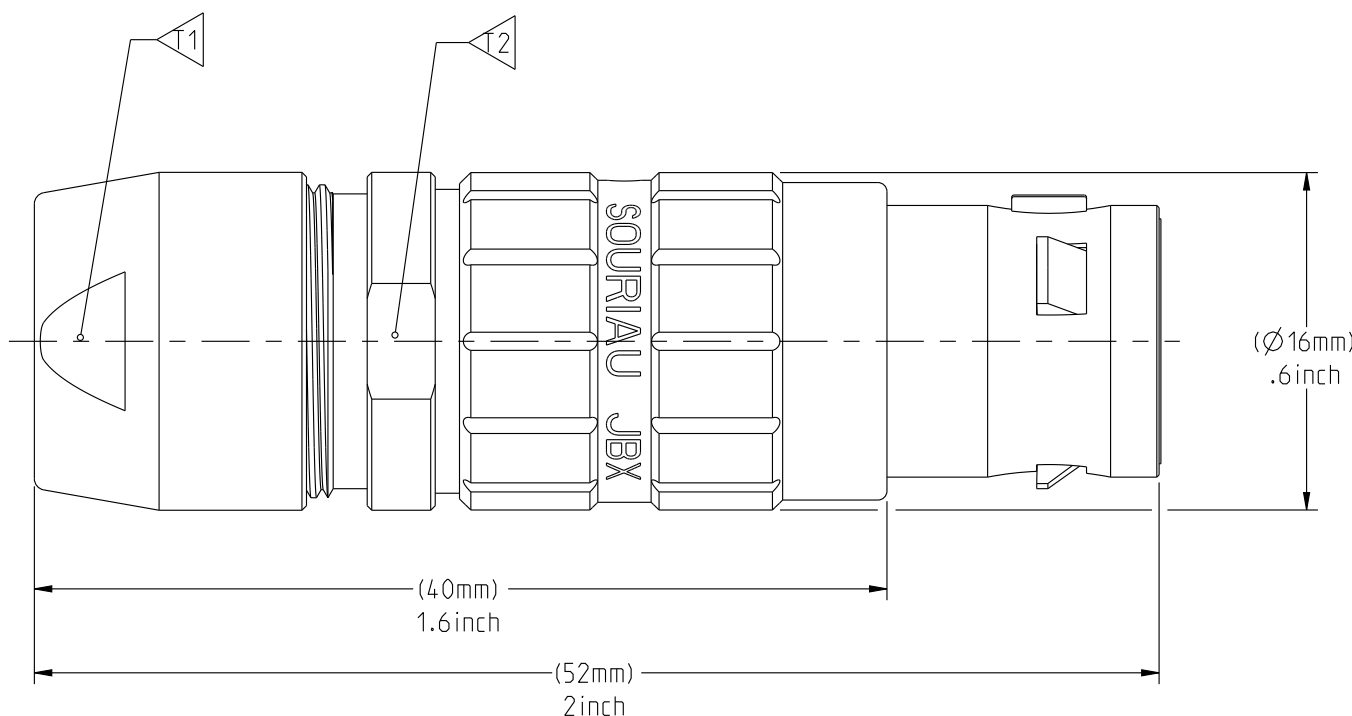
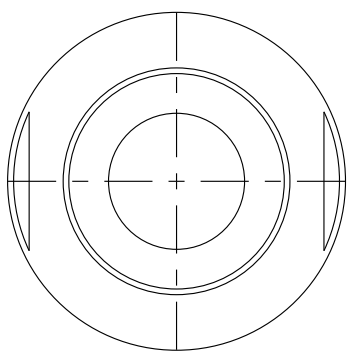
PROTECTION INDEX: IP 67 AS PER CEI 529

ROHS COMPLIANT

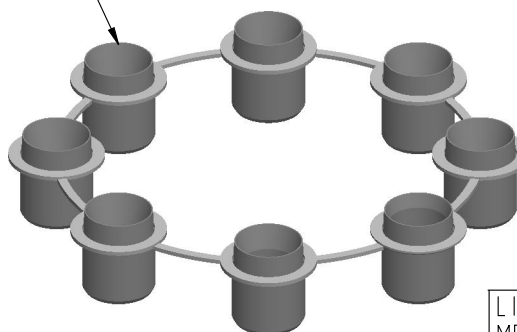
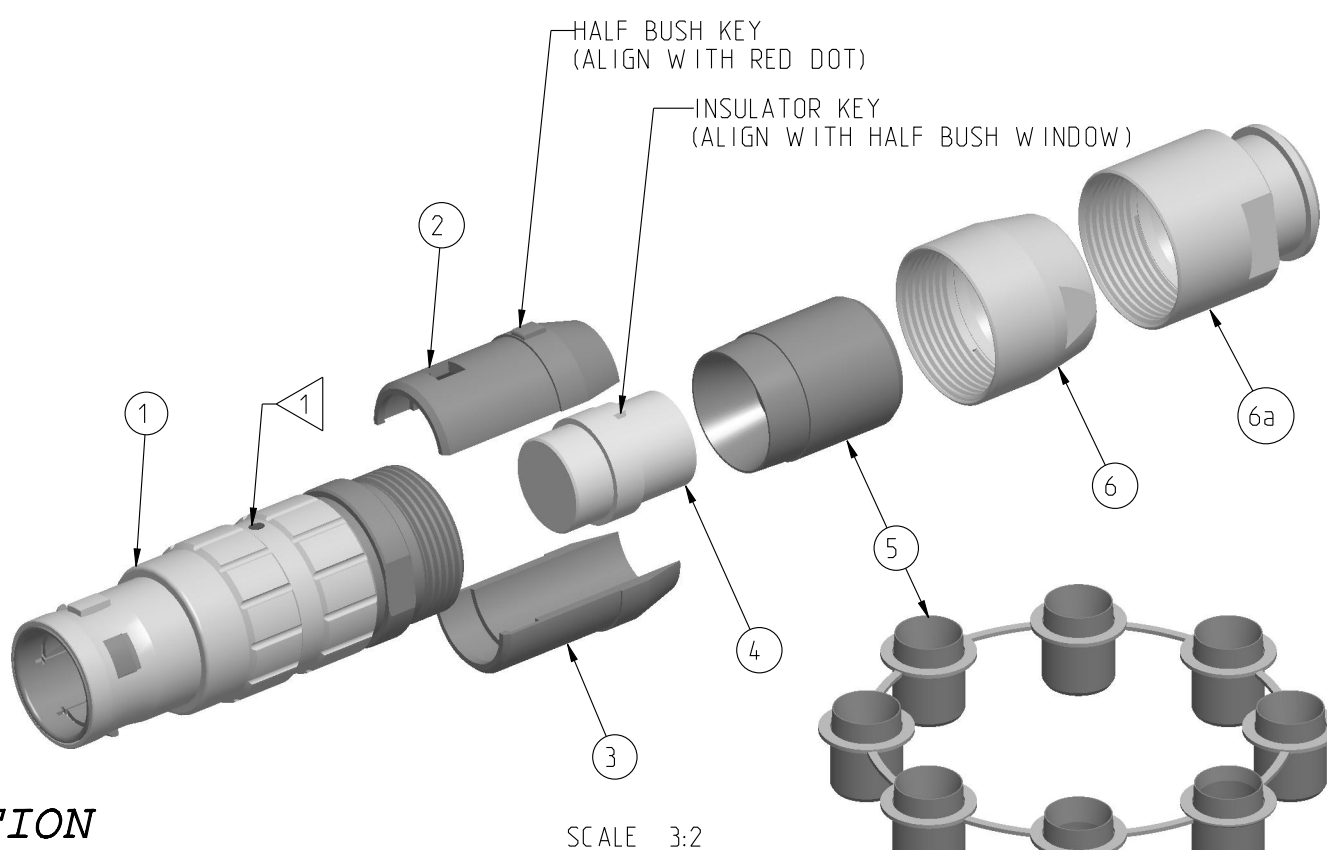
SALT MIST : 48Hr PER SAE AS 1344 METHOD 1001.1 CEI 529

OPERATING TEMPERATURE:

WITH PLASTIC COLLETS: -40°C TO $+80^{\circ}\text{C}$ (-40°F TO $+176^{\circ}\text{F}$)



PART LIST	
ITEM NO.	DESCRIPTION
1	SLEEVE
2	HALF BUSH WITH WINDOW
3	HALF BUSH WITHOUT WINDOW
4	INSULATOR
5	Ø3.5-Ø9.7 CABLE COLLET (CHOOSE PER CABLE SIZE)
6	STANDARD BACK NUT
6a	BACK NUT FOR PROTECTIVE BOOT (OPTIONAL)



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

JBX FH 2 XXXXXXDXX

BASIC SERIES ————

SHELL TYPE ————

SHELL SIZE ————

KEYING ————

SEE INSULATOR DRAWING ————

————— *OPTION*

————— *INSERT MATERIAL*

————— *COLLET OPTION*

————— *SURFACE PLATING*

	TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
T1	13	1.5
T2	14	-

A	RELEASED PER ECN 12280	TJS 06-10-15	EV 06-10-15
REV	DESCRIPTION	BY DATE	CHKD DATE

DRAWING TITLE			
JBX, SIZE 2, SEALED STRAIGHT PLUG			
CAT NO.			
JBXFH2			
CAGE NO: 09922		SIZE: C	
CUSTOMER		SOURIAU	
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		DRAWN: TJS 05-08-15	
		CHKD : EV 05-08-15	
		DSGN : EV 05-08-15	
		MFG : DH 05-08-15	
		QC : BB 05-08-15	
		DRAWING SCALE: 4:1	
		DRAWING NO. REV	
		JBXFH2C A	
		1 OF 1	
www.souriau.com			

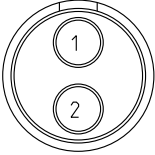
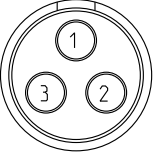
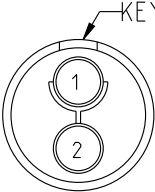
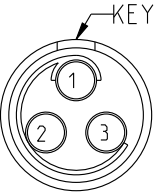
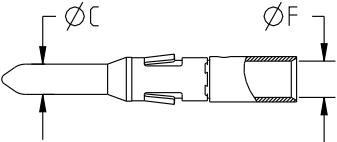
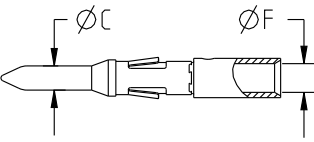
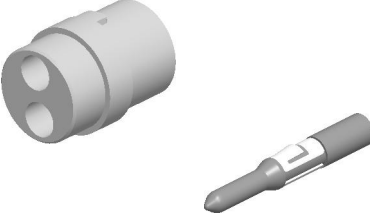
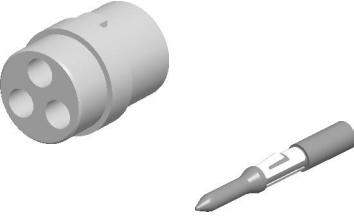
APPROVAL	DRAWN: TJS	05-08-15
	CHKD : EV	05-08-15
	DSGN : EV	05-08-15
	MFG : DH	05-08-15
	QC : BB	05-08-15
DRAWING SCALE: 4:1		
DRAWING NO.		REV
JBXFH2C		A

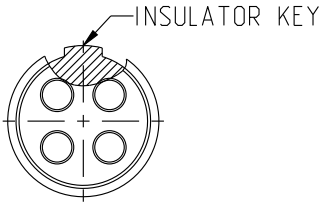
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MALE INSULATOR, CRIMP CONTACT

DWG. NO.
JBX2INSMCC

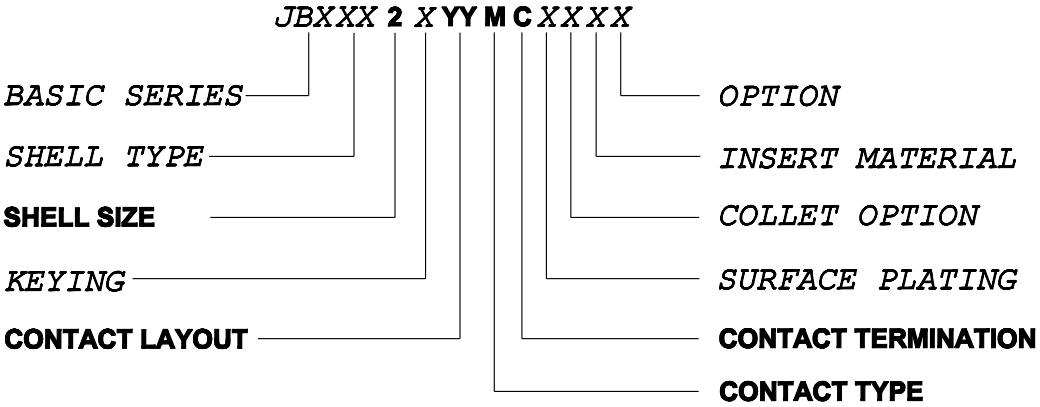
CONTACT LAYOUT		02	03
CONTACT	FRONT SIDE VIEW		
	REAR SIDE VIEW		
	CONTACT		
	ISO VIEW		
CONTACT	ØC	2	1.6
	ØF	2.4	1.9
	MAX. AWG	12	14
	MAX. CURRENT RATING (A)	30	17
	CONTACT RESISTANCE (mΩ)	2.5	2.5
	NUMBER OF CAVITY	2	3
	MAX. CURRENT RATING	30	17
	TEST VOLTAGE (Vrms)	2100	1700
	WORKING VOLTAGE (Vdc/Vrms)	1000/700	830/560
INSULATOR			



CONTACT TYPE : M (MALE)
CONTACT TERMINATION : C (CRIMP)

MATERIAL :
CONTACT: BRASS
CLIP: COPPER ALLOY
INSULATOR: PEEK
FINISH:
CONTACTS: GOLD

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 2, MALE INSULATOR, CRIMP CONTACT

CAT NO.
JBX2INSMC

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.
JBX2INSMCC

REV
B

1 OF 3

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PRO-E

ORIGIN	COUNTRY	JURISDICTION	CLASSIFICATION
X	FR	Not listed	N/A
	US	EAR	ECCN =EAR99
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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]

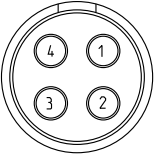
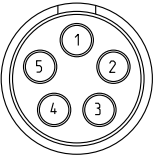
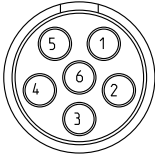
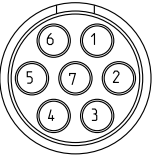
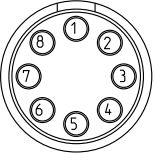
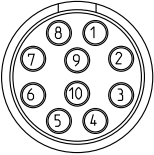
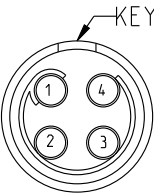
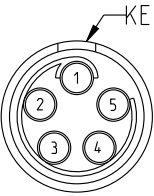
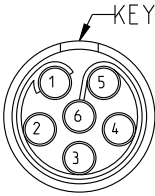
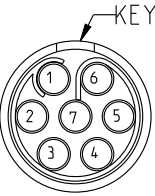
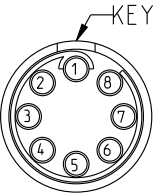
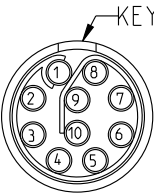
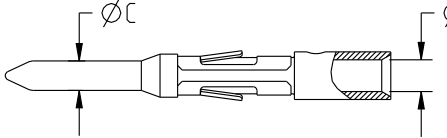
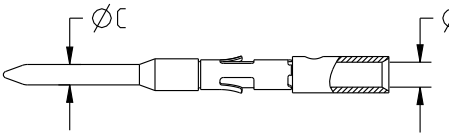
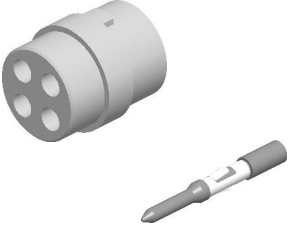
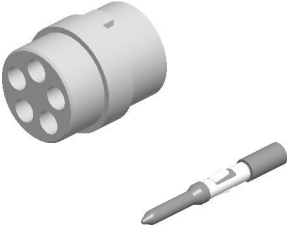
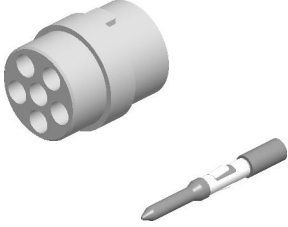
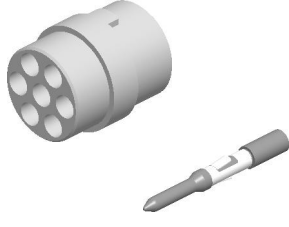
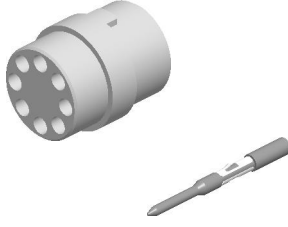
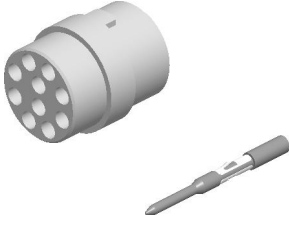
THREE PLACES±0.25 [±.010]

ANGLES±1°

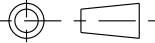
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DWG. NO.
JBX2INSMCC

CONTACT LAYOUT		04	05	06	07	08	10
FRONT SIDE VIEW							
REAR SIDE VIEW							
CONTACT							
ISO VIEW							
CONTACT	ØC	1.3	1.3	1.3	1.3	0.9	0.9
	ØF	1.4	1.4	1.4	1.4	1.1	1.1
	MAX. AWG	18	18	18	18	20	20
	MAX. CURRENT RATING (A)	15	15	15	15	10	10
	CONTACT RESISTANCE (mΩ)	3	3	3	3	3.5	3.5
	NUMBER OF CAVITY	4	5	6	7	8	10
	MAX. CURRENT RATING	15	14	12	11	10	8
	TEST VOLTAGE (Vrms)	2400	1900	1900	1500	1700	1700
INSULATOR	WORKING VOLTAGE (Vdc/Vrms)	1000/700	900/630	900/630	730/500	830/560	830/560

ORIGIN	COUNTRY	JURISDICTION	CLASSIFICATION
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, MALE INSULATOR, CRIMP CONTACT			
CAT NO.			
JBX2INSMC			
CAGE NO: 09922		SIZE: B	
CUSTOMER		SOURIAU	WWW.SOURIAU.COM
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.			2 OF 3

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
JBX2INSMCC			B

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DWG. NO.
JBX2INSMCC

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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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, MALE INSULATOR, CRIMP CONTACT						
CAT NO.						
JBX2INSMC						
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	
					JBX2INSMCC B	
					3 OF 3	

B

A

Mouser Electronics

Authorized Distributor

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Souriau:

[JBXFH2G02MCSDSMR](#)



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- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.