

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 : SEE INSULATOR DRAWING
 VOLTAGE
 CONNECTOR WORKING : SEE INSULATOR DRAWING
 VOLTAGE
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 = 20g, AS PER MIL-STD 1344A, METHOD 2005.1
 PROTECTION INDEX: IP 40 AS PER IEC 529
 ROHS COMPLIANT
 SALT MIST : 48Hr PER SAE AS 1344 METHOD 1001.1 CEI 529
 OPERATING TEMPERATURE: -55°C TO +125°C (-67°F TO +257°F)

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RECOMMENDED PANEL CUTOUT

MATING SIDE VIEW

WIRE SIDE VIEW

INSULATOR KEY (ALIGN WITH SHELL GROOVE)

TOOLS (JAW DIMENSION) 21
ADVISED TORQUE IN Nm 2

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
JBXER3C A

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

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°

ORIGIN X **COUNTRY** FR **JURISDICTION** Not listed **CLASSIFICATION** N/A
 EAR **ECCN** #EAR99
 US
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DRAWING TITLE
JBX, SIZE 3, FRONT PANEL MOUNTING RECEPTACLE
 CAT NO. **JBXER3**
 CAGE NO: 09922 SIZE: C

CUSTOMER
SOURIAU
 WWW.SOURIAU.COM

SCALE 2:1

PART LIST

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

CATALOG NUMBER DESCRIPTION
JBX ER 3 XXXXXDXR

BASIC SERIES _____
SHELL TYPE _____
SHELL SIZE _____
KEYING _____
SEE INSULATOR DRAWING _____

OPTION _____
INSERT MATERIAL _____
COLLET OPTION _____
SURFACE PLATING _____

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 WWW.SOURIAU.COM

SCALE 2:1

INSULATOR KEY (ALIGN WITH SHELL GROOVE)

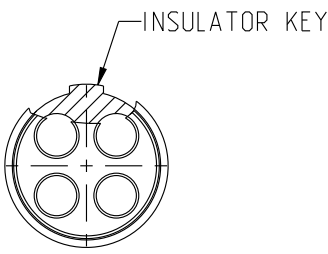
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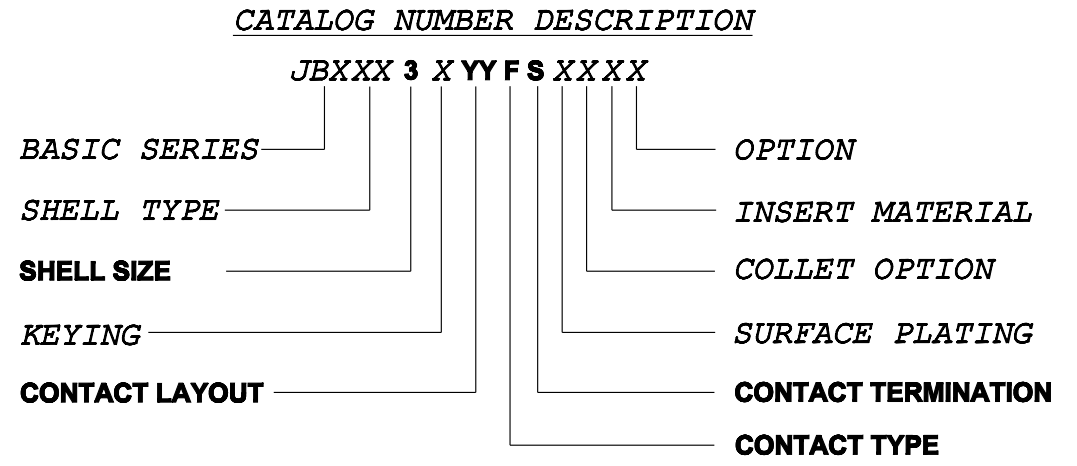
DWG. NO.
JBX3INSFSC

FEMALE INSULATOR, SOLDER CONTACT

CONTACT LAYOUT	03	04	07	08
FRONT SIDE VIEW				
REAR SIDE VIEW				
CONTACT				
ISO VIEW				
CONTACT	ØC	2	1.6	1.3
	ØF	1.9	1.5	1.1
	MAX. AWG	16	18	20
	MAX. CURRENT RATING (A)	30	17	15
INSULATOR	CONTACT RESISTANCE (mΩ)	2.5	2.5	3
	NUMBER OF CAVITY	3	4	7
	MAX. CURRENT RATING	25	15	12
	TEST VOLTAGE (Vrms)	3600	2500	2200
WORKING VOLTAGE (Vdc/Vrms)	1600/1200	1100/830	1000/700	830/560



CONTACT TYPE : F (FEMALE)
CONTACT TERMINATION : S (SOLDER)
MATERIAL :
 CONTACT: CUPRO-NICKEL
 CLIP: COPPER ALLOY
 INSULATOR: PEEK
FINISH:
 CONTACTS : GOLD



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 3, FEMALE INSULATOR, SOLDER CONTACT

CAT NO. **JBX3INSFS**

CAGE NO: 09922 SIZE: B

CUSTOMER	SOURIAU	APPROVAL	DRAWN: TJS	02-04-15
			CHKD : EV	02-04-15
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.	WWW.SOURIAU.COM		DSGN : EV	02-04-15
			MFG : DH	02-04-15
			QC : BB	02-04-15
			DRAWING SCALE: NA	
			DRAWING NO.	REV
			JBX3INSFSC	B
			1 OF 2	

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X	FR	Not listed	N/A
	US	EAR	ECCN =EAR99

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LINEAR MEASURE: $\frac{mm}{INCH}$ 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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B

A

DWG. NO.
JBX3INSFSC

CONTACT LAYOUT	10	14	18	22	30
FRONT SIDE VIEW					
REAR SIDE VIEW					
CONTACT					
ISO VIEW					
CONTACT	ØC	1.3	0.9	0.9	0.7
	ØF	1.1	0.8	0.8	0.81
	MAX. AWG	20	24	24	22
	MAX. CURRENT RATING (A)	15	10	10	7
INSULATOR	CONTACT RESISTANCE (mΩ)	3	3.5	3.5	5
	NUMBER OF CAVITY	10	14	18	22
	MAX. CURRENT RATING	12	9	7	5.5
	TEST VOLTAGE (Vrms)	1400	1700	1400	1200
WORKING VOLTAGE (Vdc/Vrms)	600/420	830/560	660/460	560/400	400/260

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B

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JBX, SIZE 3, FEMALE INSULATOR, SOLDER CONTACT

CAT NO. **JBX3INSFS**

CAGE NO: 09922 SIZE: B

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		2 OF 2		

LINEAR MEASURE: $\frac{mm}{INCH}$ mm (INCH)

THIRD ANGLE PROJECTION

TOLERANCES UNLESS OTHERWISE SPECIFIED

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Mouser Electronics

Authorized Distributor

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[JBXER3G18FSSDSR](#) [JBXER3G22FSSDSR](#) [JBXER3G30FSSDSR](#)



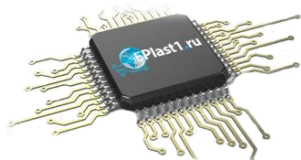
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- 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

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