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DWG. NO.
JBXHH2C

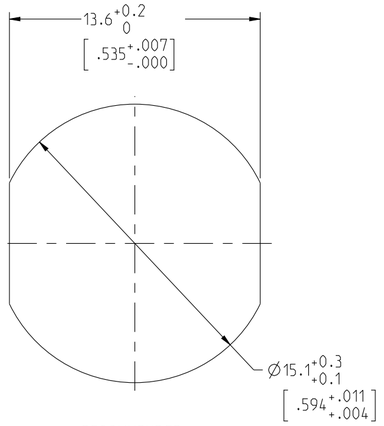
MASS (g)	VOLUME (mm^3)
16.6	3159

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 VOLTAGE :	SEE INSULATOR DRAWING
CONNECTOR WORKING VOLTAGE :	SEE INSULATOR DRAWING

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 67 AS PER CEI 529
ROHS COMPLIANT	
SALT MIST :	48Hr PER SAE AS 1344 METHOD 1001.1 CEI 529
OPERATING TEMPERATURE:	-40°C TO +80°C (-40°F TO +176°F)



RECOMMENDED
PANEL CUTOUT

NOTES:

1 RED BAND

MATERIAL:

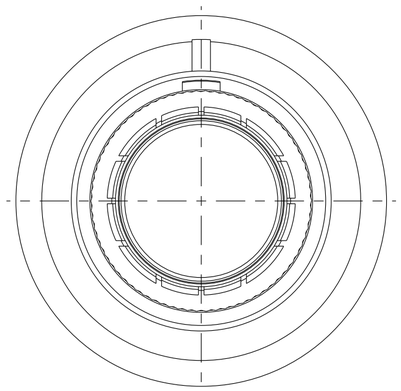
OUTER SHELL :
SHIELD RING & NUT: } BRASS

FINISH:

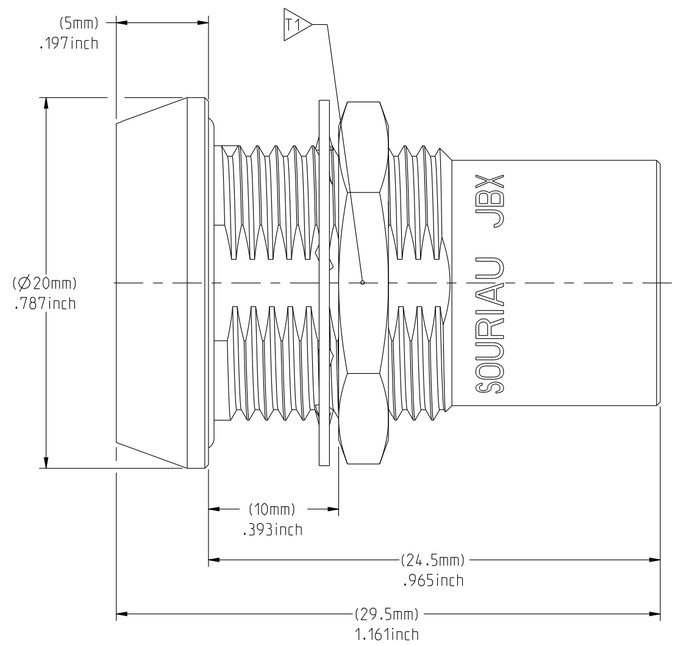
OUTER SHELL: CHROME

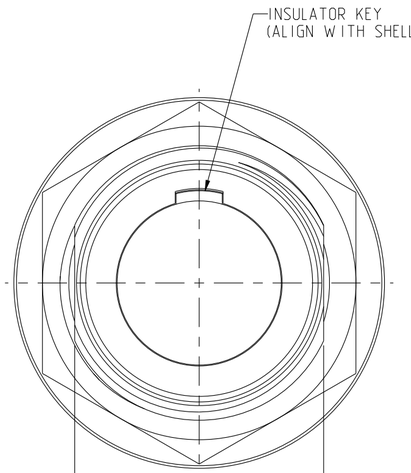
OTHER BRASS PARTS : NICKEL

T* TOOLS



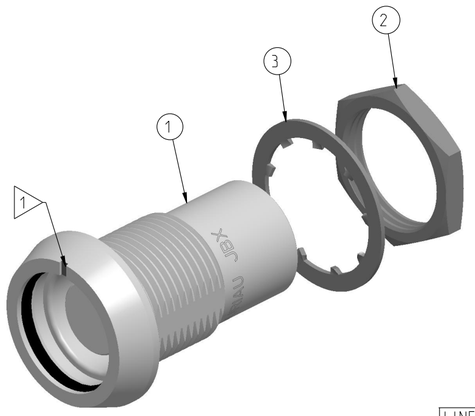
MATING SIDE VIEW





WIRE SIDE VIEW

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



SCALE 2:1

	TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
T1	17	1.7

CATALOG NUMBER DESCRIPTION

JBX HH 2 *XXXXXXDSR*

- **BASIC SERIES** — JBX
- **SHELL TYPE** — HH
- **SHELL SIZE** — 2
- *KEYING* — XXXXXX
- *SEE INSULATOR DRAWING* — D
- *SURFACE PLATING* — S
- *COLLET OPTION* — R
- *INSERT MATERIAL* — D
- *OPTION* — S

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.	±0.5 [±.02]		
ONE PLACE	±0.2 [±.008]		
TWO PLACES	±0.1 [±.004]		
ANGLES±1°			

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

DRAWING TITLE
JBX, SIZE 2, SEALED FRONT PANEL MOUNTING RECEPTACLE

CAT NO.
JBXHH2

CAGE NO: 09922 | SIZE: C

CUSTOMER

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

SOURIAU
www.souriau.com

APPROVAL		
DRAWN:	SKV	01-21-15
CHKD :	EV	01-21-15
DSGN :	EV	01-21-15
MFG :	DH	01-21-15
QC :	BB	01-21-15

DRAWING SCALE: 4:1

DRAWING NO.	REV
JBXHH2C	A

1 OF 1

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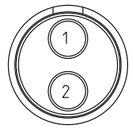
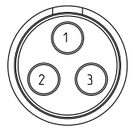
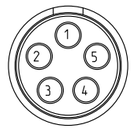
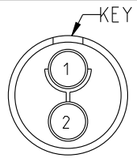
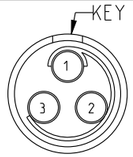
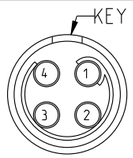
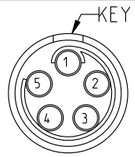
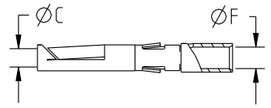
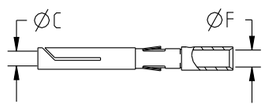
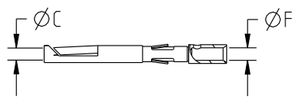
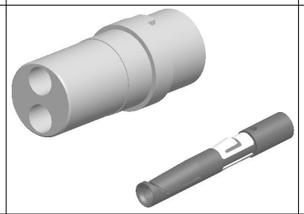
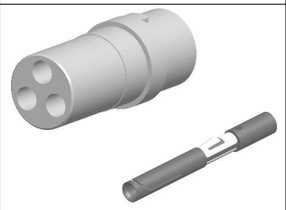
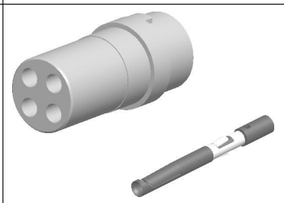
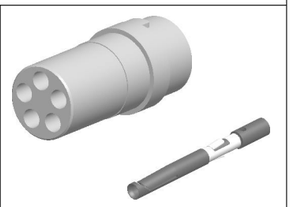
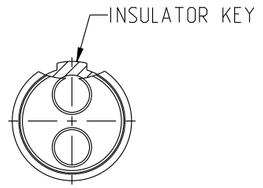
PRO-E

DWG. NO.
JBX2INSFCC

FEMALE INSULATOR, CRIMP CONTACT

CONTACT LAYOUT		02	03	04	05
FRONT SIDE VIEW					
REAR SIDE VIEW					
CONTACT					
ISO VIEW					
CONTACT	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
INSULATOR	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)

MATERIAL:

CONTACT: CUPRO-NICKEL

CLIP: COPPER ALLOY

INSULATOR: PEEK

FINISH:

CONTACTS : GOLD

CATALOG NUMBER DESCRIPTION

JBXXX 2 X YY F C XXXX

- ***BASIC SERIES***
- ***SHELL TYPE***
- **SHELL SIZE**
- ***KEYING***
- **CONTACT LAYOUT**
- ***OPTION***
- ***INSERT MATERIAL***
- ***COLLET OPTION***
- ***SURFACE PLATING***
- **CONTACT TERMINATION**
- **CONTACT TYPE**

REV	DESCRIPTION	BY DATE	CHKD DATE
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

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 PLACES	mm [INCH]
ONE PLACE	±3 [±.1]
TWO PLACES	±0.5 [±.02]
THREE PLACES	±0.25 [±.010]

ANGLES±1°

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

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

PRO-E

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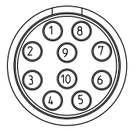
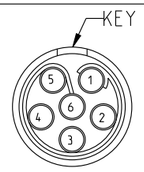
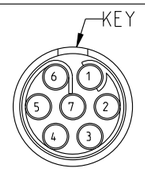
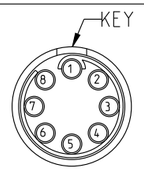
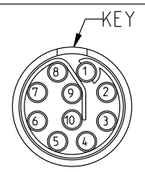
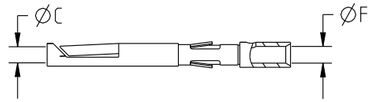
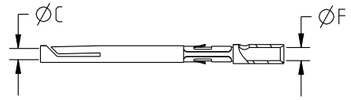
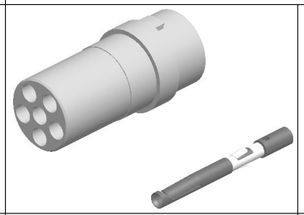
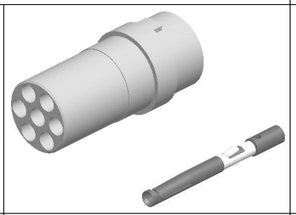
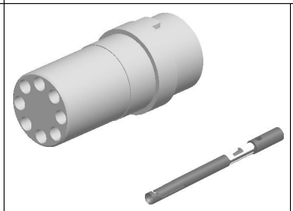
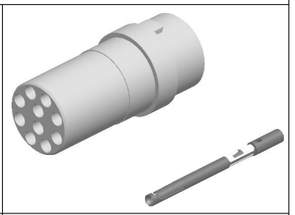
DWG. NO.
JBX2INSFCC

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
CONTACT ØF	1.4	1.4	1.1	1.1
CONTACT MAX. AWG	18	18	20	20
CONTACT MAX. CURRENT RATING (A)	15	15	10	10
CONTACT RESISTANCE (mΩ)	3	3	3.5	3.5
INSULATOR NUMBER OF CAVITY	6	7	8	10
INSULATOR MAX. CURRENT RATING	12	11	10	8
INSULATOR TEST VOLTAGE (Vrms)	1900	1500	1700	1700
INSULATOR WORKING VOLTAGE (Vdc/Vrms)	900/630	730/500	830/560	830/560

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 PLACES	mm [INCH]
ONE PLACE	±3 [±.1]
TWO PLACES	±0.5 [±.02]
THREE PLACES	±0.25 [±.010]
ANGLES	±1°

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

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

2 OF 3

PRO-E

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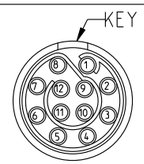
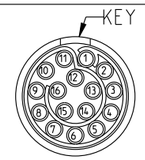
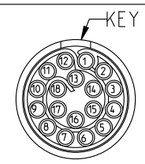
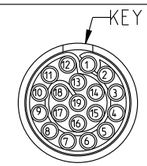
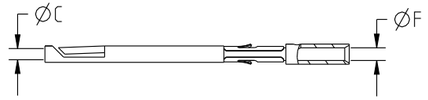
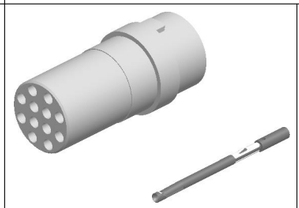
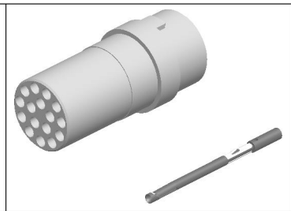
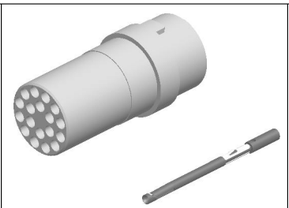
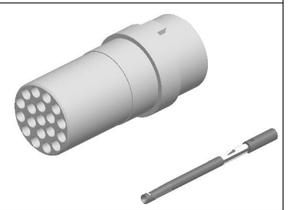
DWG. NO.
JBX2INSFCC

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
CONTACT ØF	0.85	0.85	0.85	0.85
CONTACT MAX. AWG	22	22	22	22
CONTACT MAX. CURRENT RATING (A)	7	7	7	7
CONTACT CONTACT RESISTANCE (mΩ)	5	5	5	5
INSULATOR NUMBER OF CAVITY	12	16	18	19
INSULATOR MAX, CURRENT RATING	7	6	5.5	5
INSULATOR TEST VOLTAGE (Vrms)	1700	1500	1400	1400
INSULATOR WORKING VOLTAGE (Vdc/Vrms)	830/560	730/500	660/460	660/460

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, FEMALE INSULATOR, CRIMP CONTACT

CAT NO.
JBX2INSFC

CAGE NO: 09922 | SIZE: B

CUSTOMER

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

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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

3 OF 3

PRO-E

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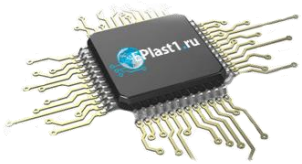
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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

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