

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

PHYSICAL:

MAXIMUM WIRE SIZE USED : SEE INSULATOR DRAWING

CABLE DIAMETER WITH PLASTIC COLLET SET SUPPLIED: Ø1.5mm MIN. TO Ø5.5mm 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 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°C (-40°F TO +176°F)

MASS (g)	VOLUME (mm ³)
9.1	1501

NOTES:

1 RED DOT.

MATERIAL:

OUTER SHELL & BACK NUT : } BRASS
 LATCHING SLEEVE }
 HALF BUSHES : }

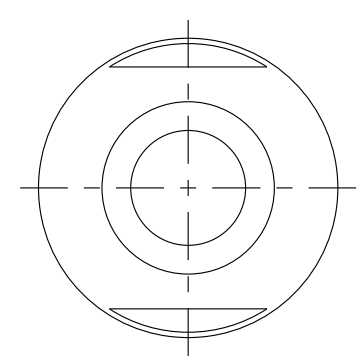
COLLET : RUBBER

FINISH:

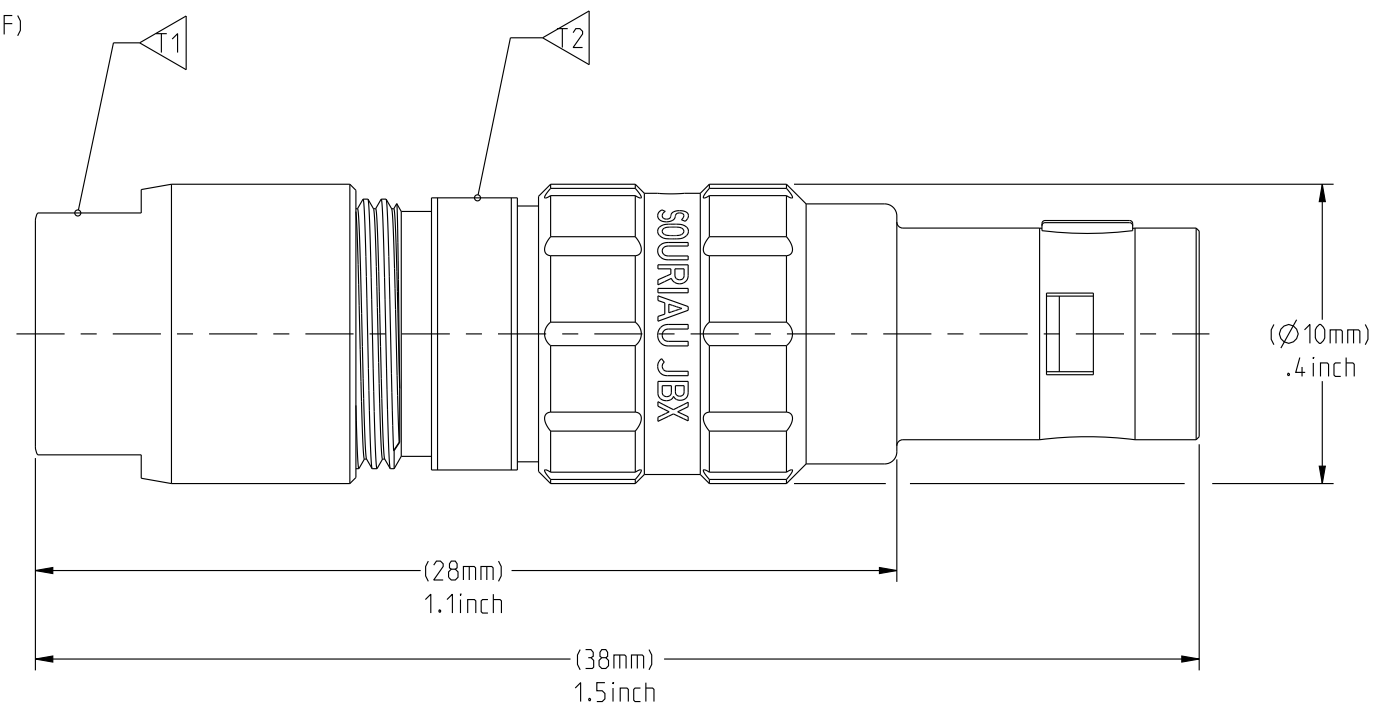
OUTER SHELL & BACK NUT : CHROME

OTHER BRASS PARTS : NICKEL

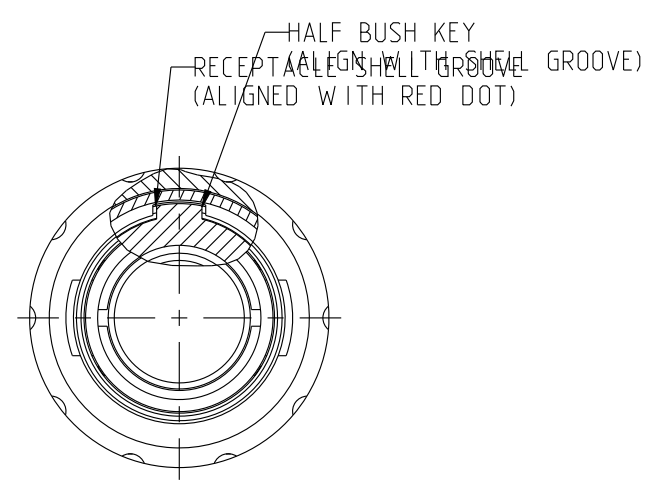
T TOOLS



WIRE SIDE VIEW

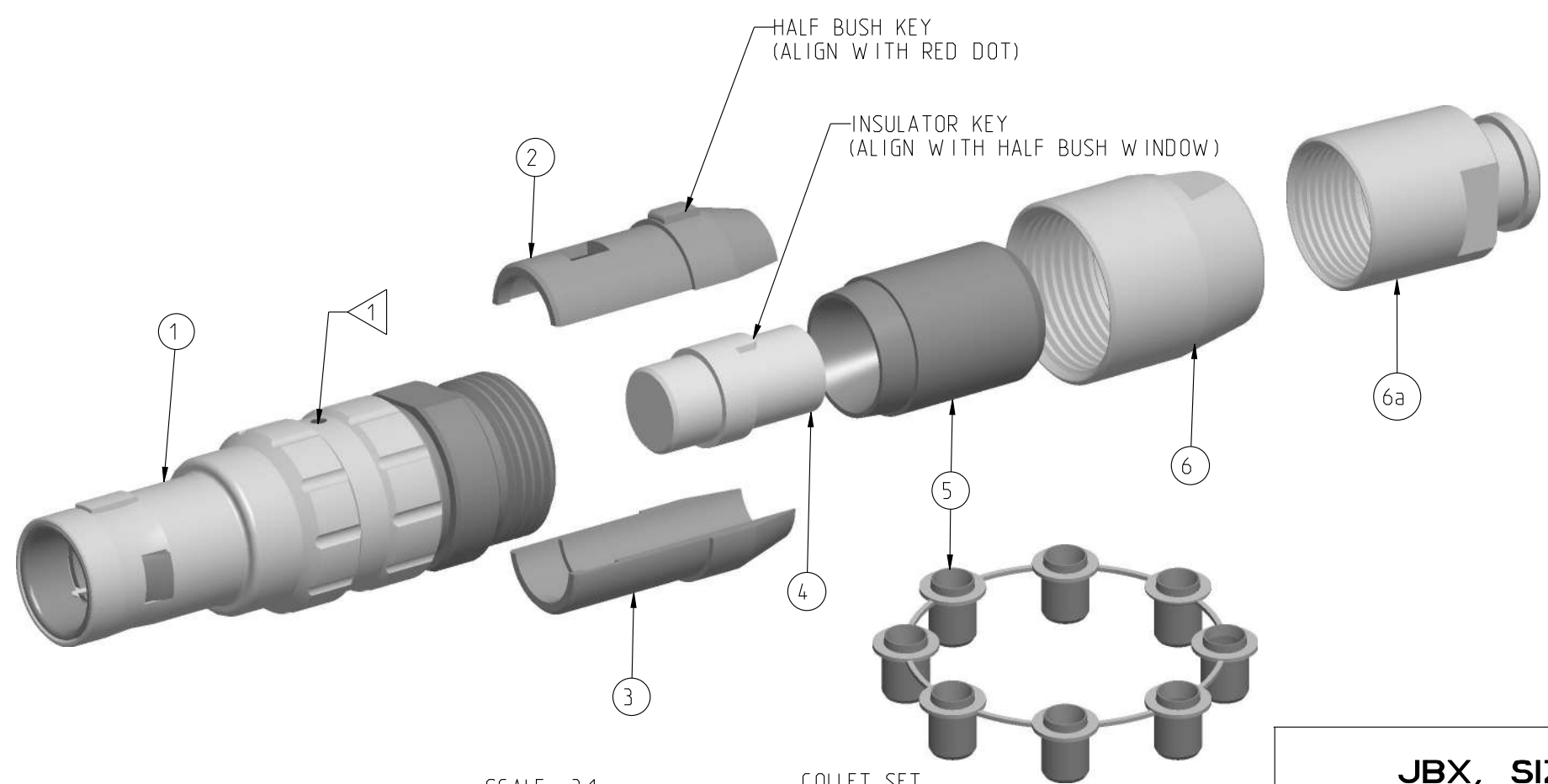


(ASSEMBLED VIEW FOR INFORMATION ONLY)



MATING SIDE VIEW

PART LIST	
ITEM NO.	DESCRIPTION
1	SLEEVE
2	HALF BUSH WITH WINDOW
3	HALF BUSH WITHOUT WINDOW
4	INSULATOR
5	Ø1.5-Ø5.5 CABLE COLLET (CHOOSE PER CABLE SIZE)
6	STANDARD BACK NUT
6a	BACK NUT FOR PROTECTIVE BOOT (OPTIONAL)



SCALE 3:1

COLLET SET SCALE 1:1

	TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
T1	8	0.8
T2	9	-

CATALOG NUMBER DESCRIPTION

JBX FH 0 XXXXXX DXX

BASIC SERIES _____

SHELL TYPE _____

SHELL SIZE _____

KEYING _____

SEE INSULATOR DRAWING _____

OPTION _____

INSERT MATERIAL _____

COLLET OPTION _____

SURFACE PLATING _____

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

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

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

DRAWING TITLE: **JBX, SIZE 0, SEALED STRAIGHT PLUG**

CAT NO. **JBXFHO**

CAGE NO: 09922 SIZE: C

CUSTOMER

SOURIAU

www.souriau.com

1 OF 1

PRO-E

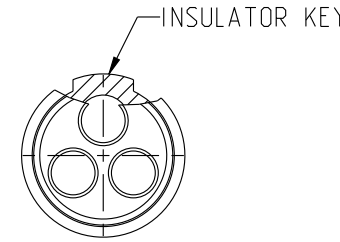
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DWG. NO.
JBX0INSFSC

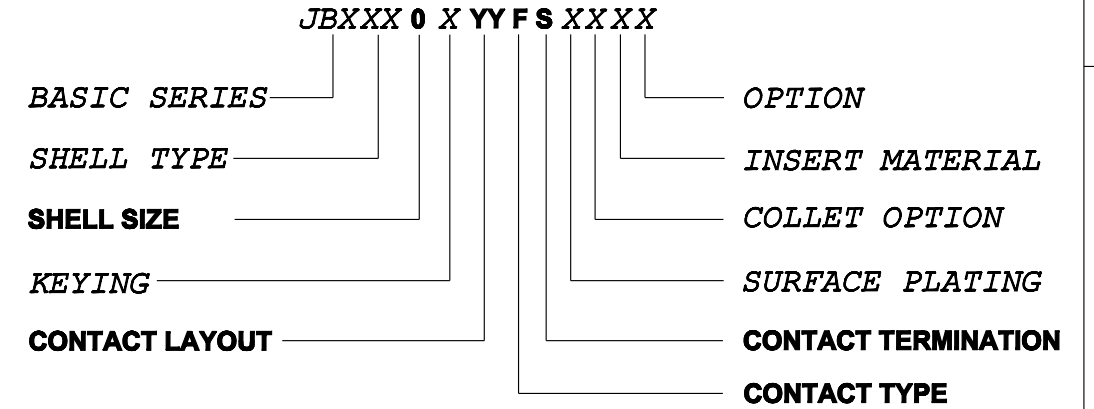
FEMALE INSULATOR, SOLDER CONTACT

CONTACT LAYOUT	02	03	04
FRONT SIDE VIEW			
REAR SIDE VIEW			
CONTACT			
ISO VIEW			
CONTACT	ØC	0.9	0.7
	ØF	0.8	0.81
	MAX. AWG	24	22
	MAX. CURRENT RATING (A)	10	7
INSULATOR	CONTACT RESISTANCE (mΩ)	3.5	5
	NUMBER OF CAVITY	2	4
	MAX. CURRENT RATING	10	7
	TEST VOLTAGE (Vrms)	1400	1350
	WORKING VOLTAGE (Vdc/Vrms)	660/460	660/460



CONTACT TYPE : F (FEMALE)
CONTACT TERMINATION : S (SOLDER)
MATERIAL :
 CONTACT: CUPRO-NICKEL
 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	TJS 03-10-15	EV 03-10-15
REV	DESCRIPTION	BY DATE	CHKD DATE

DRAWING TITLE
JBX, SIZE 0, FEMALE INSULATOR, SOLDER CONTACT

CAT NO. **JBX0INSFSC**

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	
		JBX0INSFSC B	
		1 OF 2	

ORIGIN	COUNTRY	JURISDICTION	CLASSIFICATION
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.
JBXOINSFSC

CONTACT LAYOUT	05	06	07	08
FRONT SIDE VIEW				
REAR SIDE VIEW				
CONTACT				
ISO VIEW				

	CONTACT				
	05	06	07	08	
ØC	0.7	0.5	0.5	0.5	
ØF	0.81	0.5	0.5	0.5	
MAX. AWG	22	28	28	28	
MAX. CURRENT RATING (A)	7	5	5	5	
CONTACT RESISTANCE (mΩ)	5	10	10	10	
NUMBER OF CAVITY	5	6	7	8	
INSULATOR	MAX. CURRENT RATING	6.5	2.5	2	
	TEST VOLTAGE (Vrms)	800	680	680	
	WORKING VOLTAGE (Vdc/Vrms)	400/260	320/220	320/220	190/130

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B

A

DRAWING TITLE
JBX, SIZE O, FEMALE INSULATOR, SOLDER CONTACT

CAT NO. **JBXOINSFS**

CAGE NO: 09922 SIZE: B

CUSTOMER	SOURIAU	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
WWW.SOURIAU.COM		DRAWING SCALE: NA	
		DRAWING NO. REV	
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		JBXOINSFSC B	
		2 OF 2	

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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