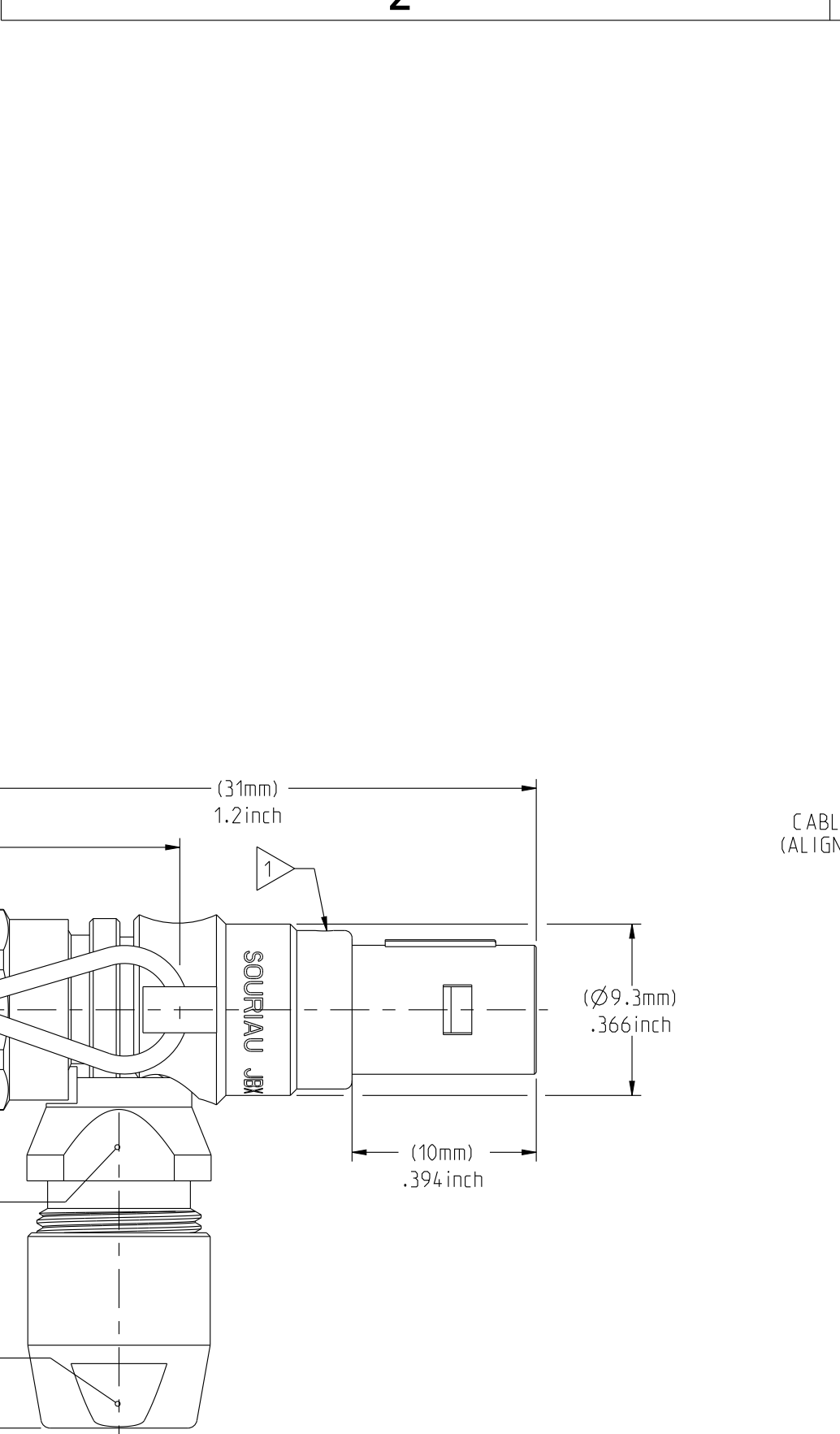
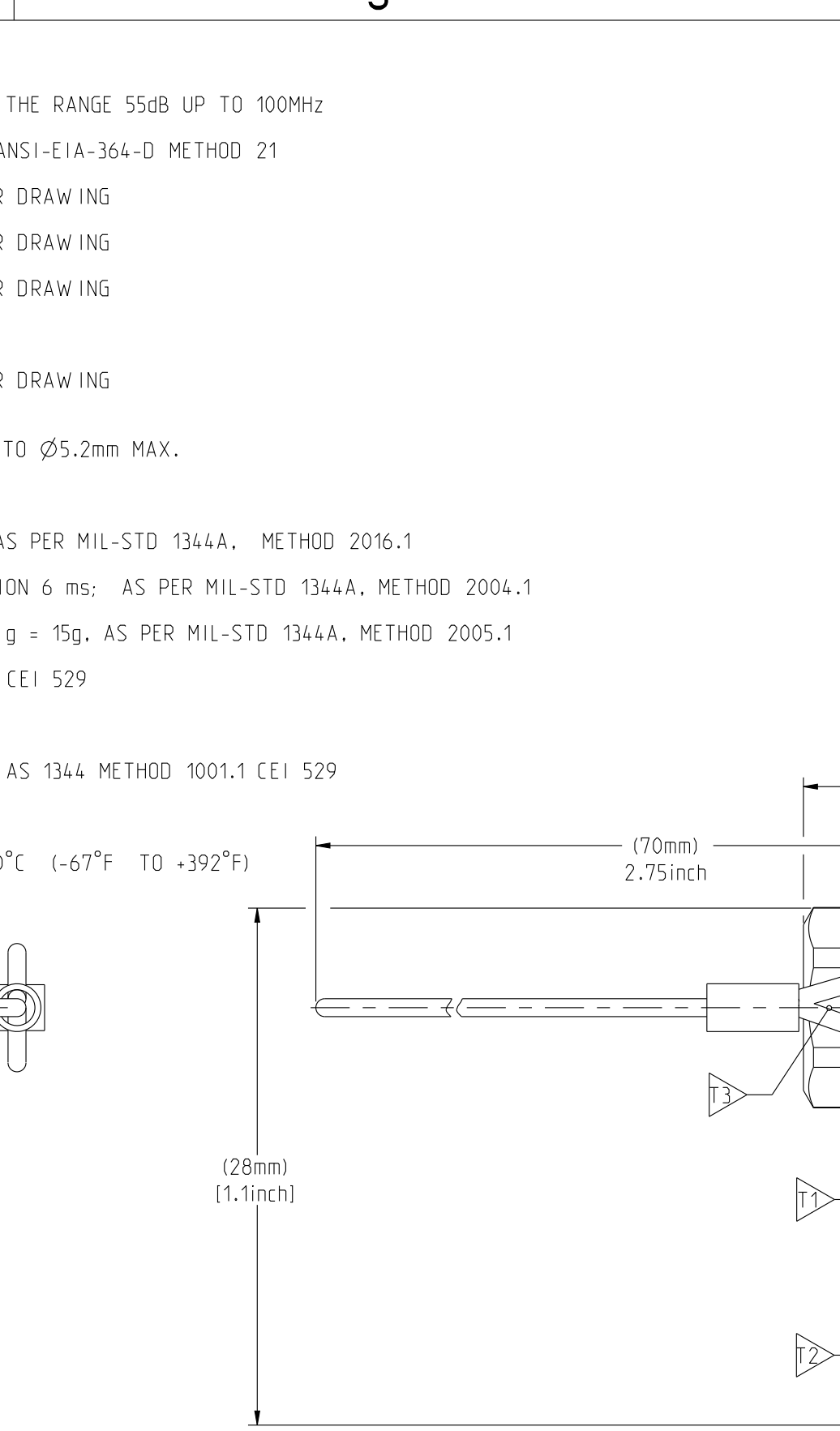
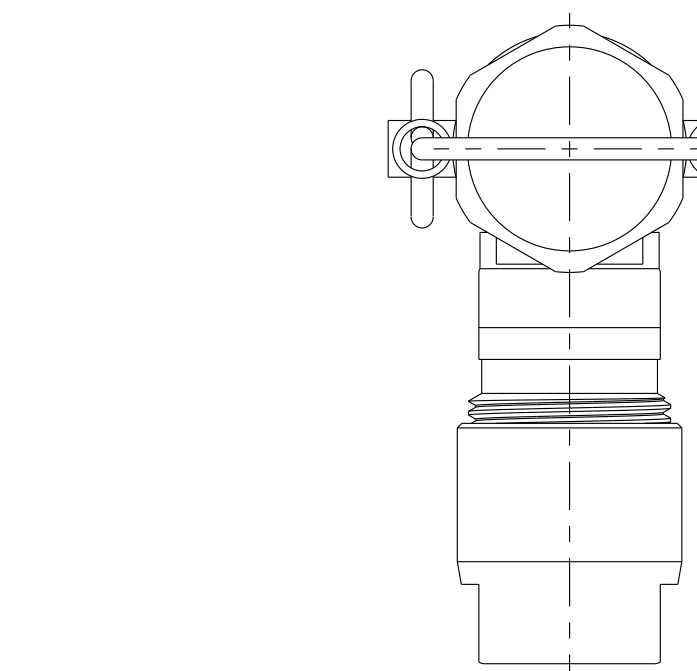


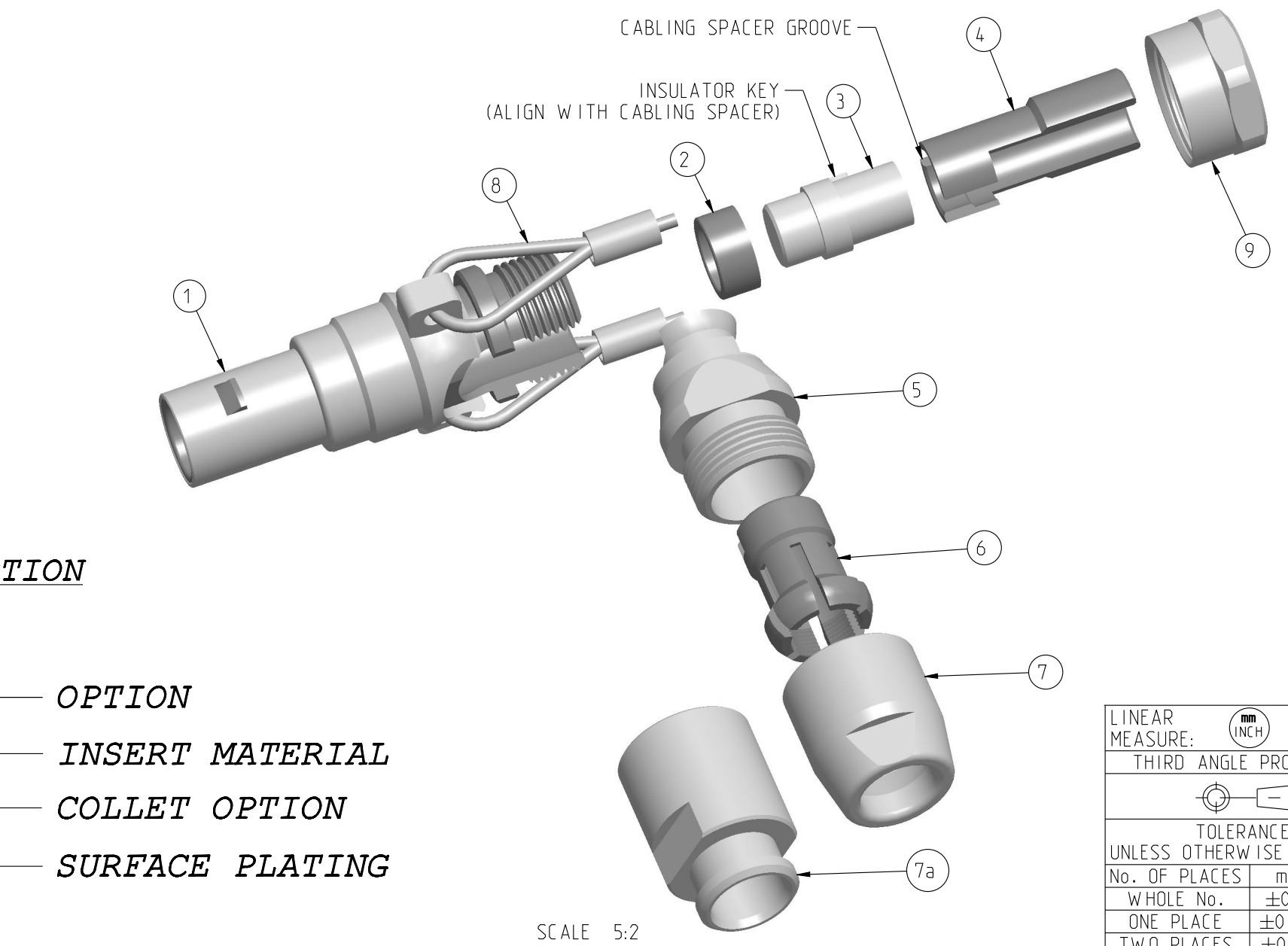
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DWG. NO. **JBXFMOC**

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 COLLET SET SUPPLIED: Ø4.6mm MIN. TO Ø5.2mm 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 METALLIC COLLETS: -55°C TO +200°C (-67°F TO +392°F)

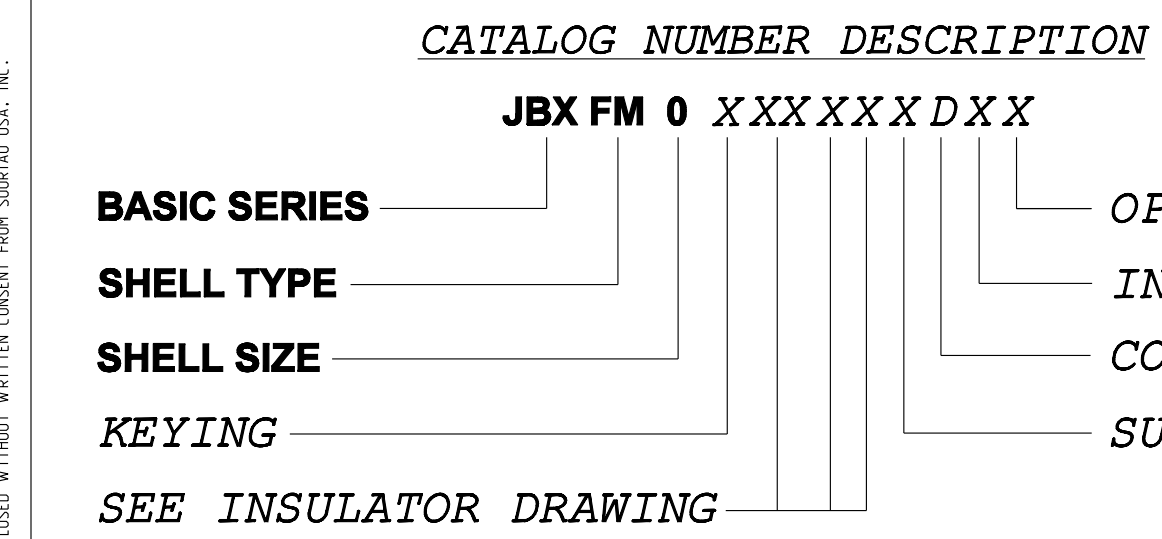


PART LIST	
ITEM NO.	DESCRIPTION
1	SLEEVE
2	RETAINING RING
3	INSULATOR
4	CABLING SPACER
5	ELBOW BACKSHELL
6	Ø4.6-Ø5.2 CABLE COLLET
7	STANDARD BACK NUT
7a	BACK NUT FOR PROTECTIVE BOOT (OPTIONAL)
8	LANYARD ASSEMBLY
9	RETAINING NUT



NOTES:
 1 ▷ RED DOT.
MATERIAL:
 OUTER SHELL & BACK NUT: } BRASS
 LATCHING SLEEVE & SPACER: }
 RETAINING NUT & COLLET : }
FINISH:
 OUTER SHELL & BACKSHELL: CHROME
 BACK NUT & RETAINING NUT
 OTHER BRASS PARTS: NICKEL
 T ▷ TOOLS

MASS (g)	VOLUME (mm ³)
14.6	2584



	TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
T1	8	-
T2	8	0.8
T3	10	0.4 TO 0.5

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

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

REV DESCRIPTION

DRAWING TITLE
JBX, SIZE 0, RIGHT ANGLE PLUG WITH LANYARD

CAT NO. **JBXFMOC**

CAGE NO: 09922 SIZE: C

CUSTOMER

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: 3:1
 DRAWING NO. REV
JBXFMOC A

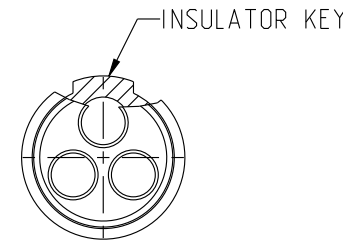
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.

1 OF 1

DWG. NO.
JBX0INSFSC

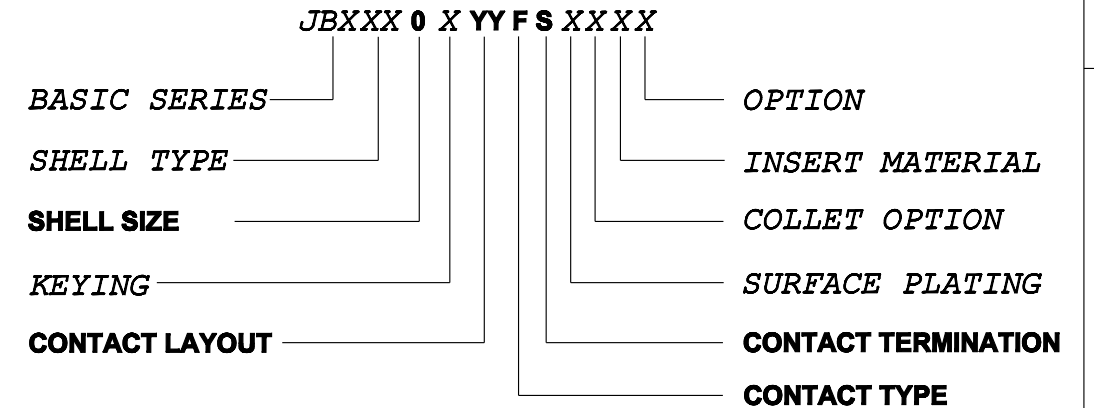
FEMALE INSULATOR, SOLDER CONTACT

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	600/420	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 O, FEMALE INSULATOR, SOLDER CONTACT

CAT NO. **JBX0INSF5**

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
			JBX0INSF5C	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	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
INSULATOR	CONTACT RESISTANCE (mΩ)	5	10	10	10
	NUMBER OF CAVITY	5	6	7	8
	MAX. CURRENT RATING	6.5	2.5	2.5	2
	TEST VOLTAGE (Vrms)	800	680	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
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		DRAWING SCALE: NA	
		DRAWING NO. REV	
WWW.SOURIAU.COM		JBXOINSFSC B	
		2 OF 2	

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

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THIRD ANGLE PROJECTION

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TWO PLACES	±0.5 [±.02]
THREE PLACES	±0.25 [±.010]

ANGLES ±1°