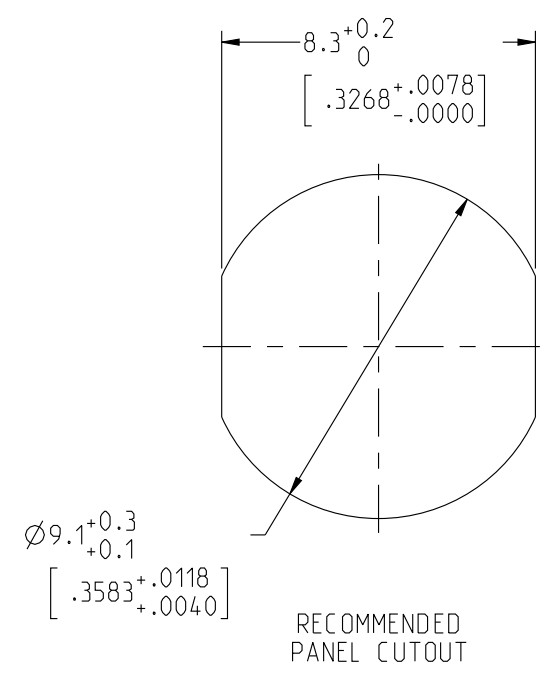


JBXEPOC

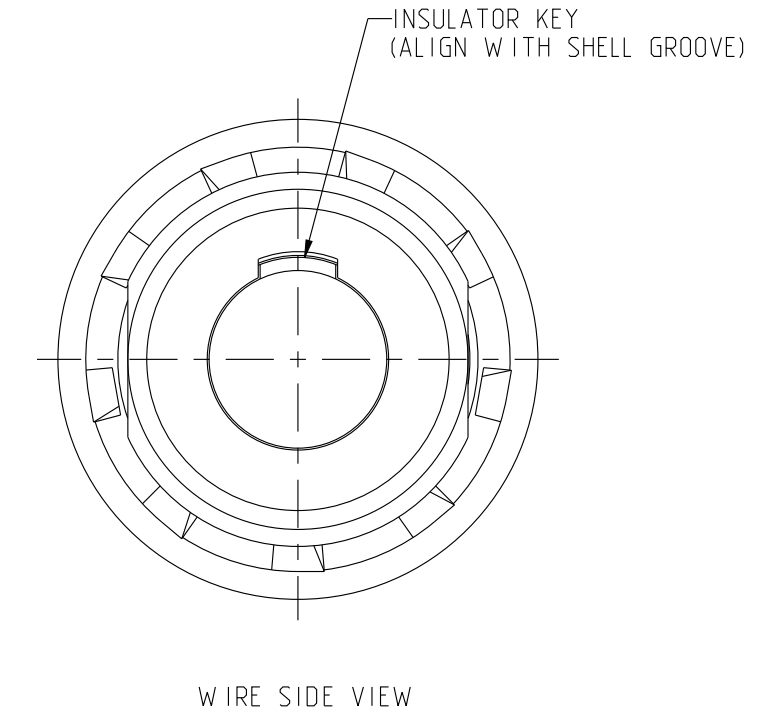
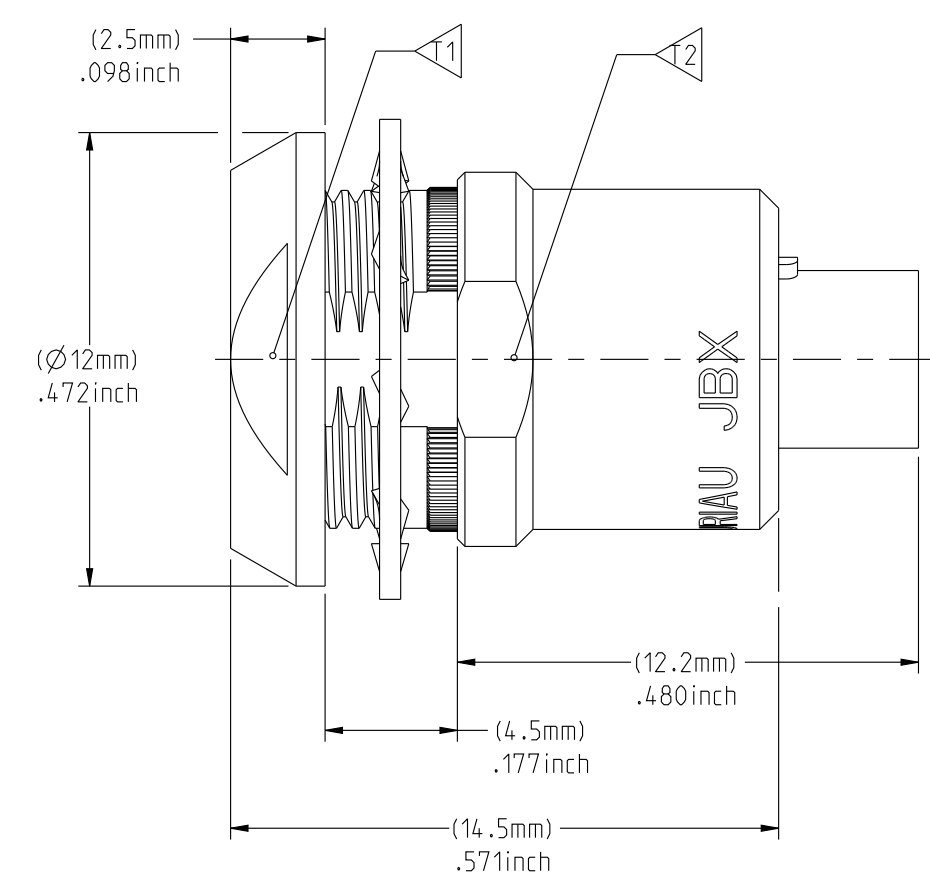
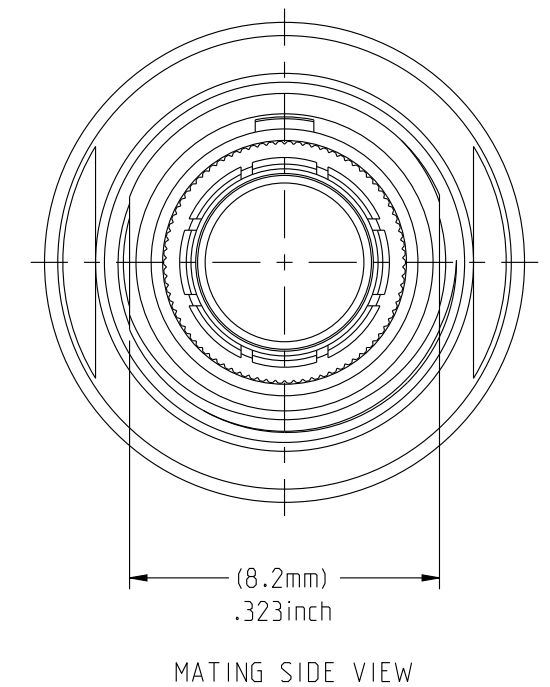
MASS (g)	VOLUME (mm ³)
4.6	812

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)

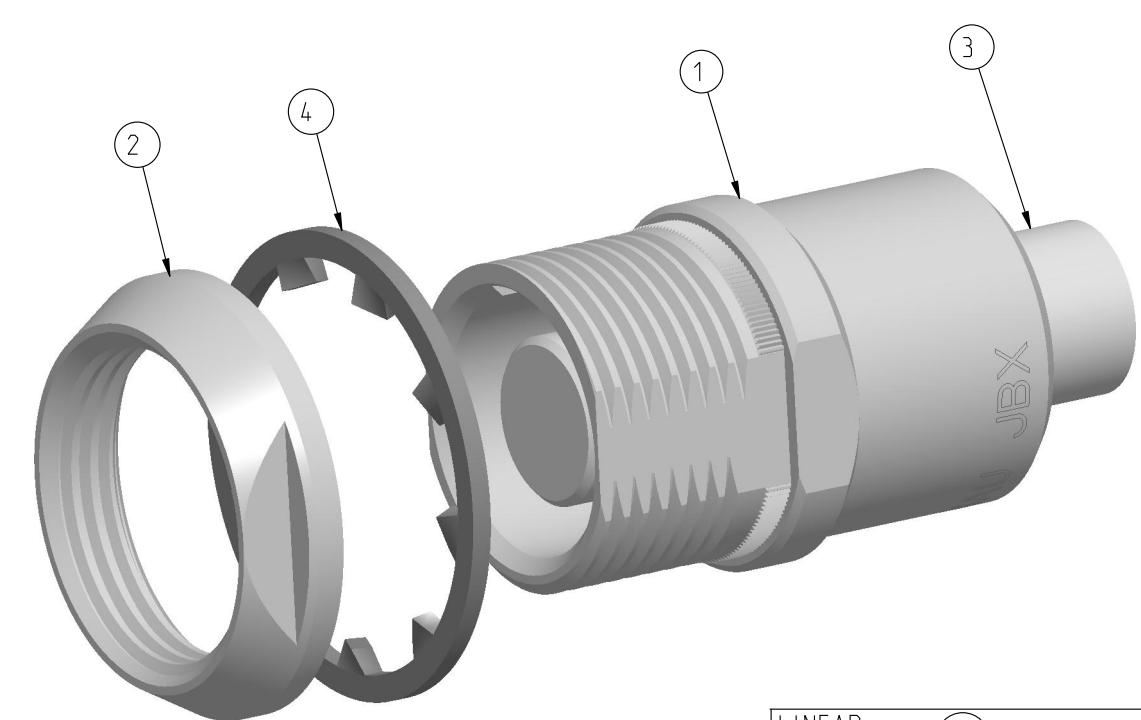


NOTES:
MATERIAL:
 OUTER SHELL & PANEL NUT : BRASS
 SHIELD RING :
FINISH:
 OUTER SHELL : CHROME
 OTHER BRASS PARTS : NICKEL
TOOLS



PART LIST	
ITEM NO.	DESCRIPTION
1	SHELL
2	PANEL NUT
3	INSULATOR
4	LOCK WASHER

	TOOLS (JAW DIMENSION)	ADVISED TORQUE IN Nm
T1	10	0.7
T2	9	-



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CATALOG NUMBER DESCRIPTION

JBX EP 0 XXXXXDX -

BASIC SERIES _____ **OPTION**
SHELL TYPE _____ **INSERT MATERIAL**
SHELL SIZE _____ **COLLET OPTION**
KEYING _____ **SURFACE PLATING**
SEE INSULATOR DRAWING

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

DRAWING TITLE
JBX SIZE O, BACK PANEL MOUNTING RECEPTACLE

CAT NO. **JBXEPO**

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: 5:1
 DRAWING NO. REV
JBXEPOC A

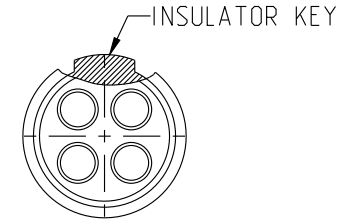
1 OF 1

DWG. NO.
JBX01NSMPC

MALE INSULATOR, STRAIGHT PCB CONTACT

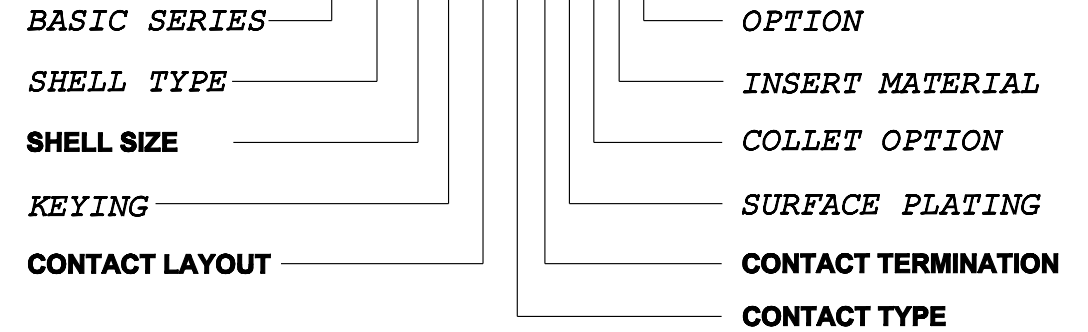
CONTACT LAYOUT	04	05	06	07	08	
FRONT SIDE VIEW						
REAR SIDE VIEW						
CONTACT						
ISO VIEW						
CONTACT	ØC	0.7	0.7	0.5	0.5	
	ØF	0.5	0.5	0.5	0.5	
	MAX. AWG	-	-	-	-	
	MAX. CURRENT RATING (A)	7	7	5	5	
INSULATOR	CONTACT RESISTANCE (mΩ)	5	5	10	10	
	NUMBER OF CAVITY	4	5	6	7	8
	MAX. CURRENT RATING	7	6.5	2.5	2.5	2
	TEST VOLTAGE (Vrms)	1350	800	680	680	680
WORKING VOLTAGE (Vdc/Vrms)	660/460	400/260	320/220	320/220	190/130	

CONTACT TYPE : M (MALE)
CONTACT TERMINATION : P (PCB)
MATERIAL :
 CONTACT: BRASS
 INSULATOR: PEEK
FINISH :
 CONTACTS: GOLD



CATALOG NUMBER DESCRIPTION

JBXXX 0 XYYMP XXXX



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 O, MALE INSULATOR, PCB CONTACT

CAT NO. **JBX01NSMP**

CAGE NO: 09922 SIZE: B

CUSTOMER	SOURIAU	APPROVAL	DRAWN: SKV 02-02-15
		CHKD : EV 02-02-15	
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.	WWW.SOURIAU.COM	DSGN : EV 02-02-15	
		MFG : DH 02-02-15	
		QC : BB 02-02-15	
		DRAWING SCALE: NA	
		DRAWING NO. REV	
		JBX01NSMPC B	
		1 OF 2	

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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°

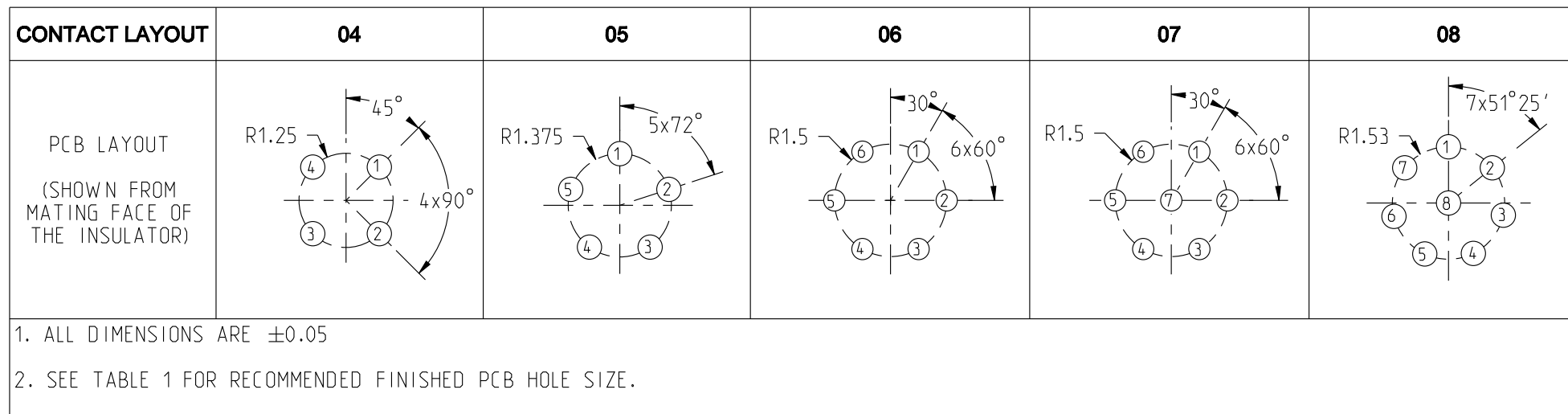
B

A

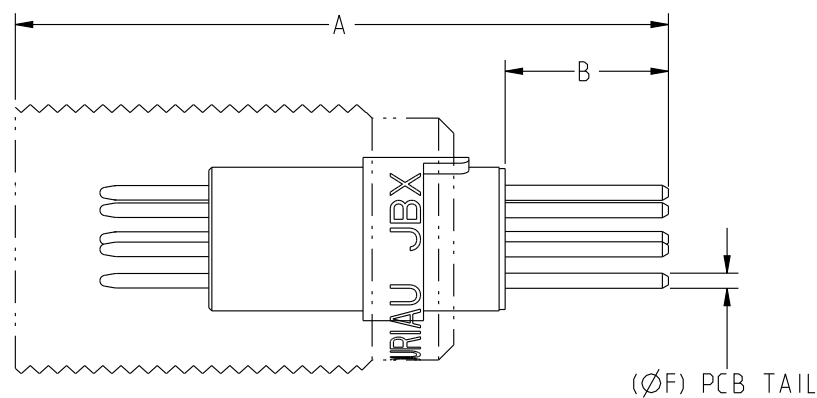
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DWG. NO.
JBX01NSMPC



CONTACT PCB TAIL SIZE DIA	FINISHED PCB HOLE SIZE DIA
0.5	0.75



LAYOUT	04	05	06	07	08
A	24.3			21.6	
B	5.9			5.4	

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	$\pm 3 [\pm .1]$
TWO PLACES	$\pm 0.5 [\pm .02]$
THREE PLACES	$\pm 0.25 [\pm .010]$
ANGLES $\pm 1^\circ$	

DRAWING TITLE		JBX, SIZE O, MALE INSULATOR, PCB CONTACT	
CAT NO.		JBX01NSMP	
CAGE NO: 09922	SIZE: B	CUSTOMER	SOURIAU
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.			
WWW.SOURIAU.COM		2 OF 2	

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	
JBX01NSMPC		B	

B

A