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W.G. NO. **JBXFHOC**

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)

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

MATING SIDE VIEW

(ASSEMBLED VIEW FOR INFORMATION ONLY)

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)

CATALOG NUMBER DESCRIPTION

JBX FH 0 XXXXXXDXX

BASIC SERIES

SHELL TYPE

SHELL SIZE

KEYING

SEE INSULATOR DRAWING

OPTION

INSERT MATERIAL

COLLET OPTION

SURFACE PLATING

SCALE 3:1

COLLET SET SCALE 1:1

LINEAR MEASURE: 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	COUNTRY	JURISDICTION	CLASSIFICATION
X	FR	Not listed	N/A
	US	EAR	ECCN #EAR99

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TOOLS (JAW DIMENSION)

ADVISED TORQUE IN Nm

T1	8	0.8
T2	9	-

DRAWING TITLE

JBX, SIZE 0, SEALED STRAIGHT PLUG

CAT NO.

CAGE NO: 09922

SIZE: C

CUSTOMER

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

SOURIAU

www.souriau.com

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APPROVAL

DRAWN:	SKV	01-08-15
CHKD :	EV	01-08-15
DSGN :	EV	01-08-15
MFG :	DH	01-08-15
QC :	BB	01-08-15
DRAWING NO.	REV	

JBXFHOC

A

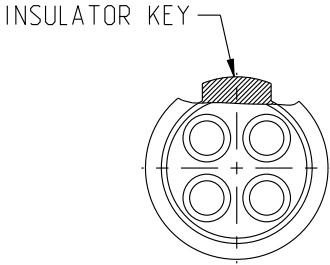
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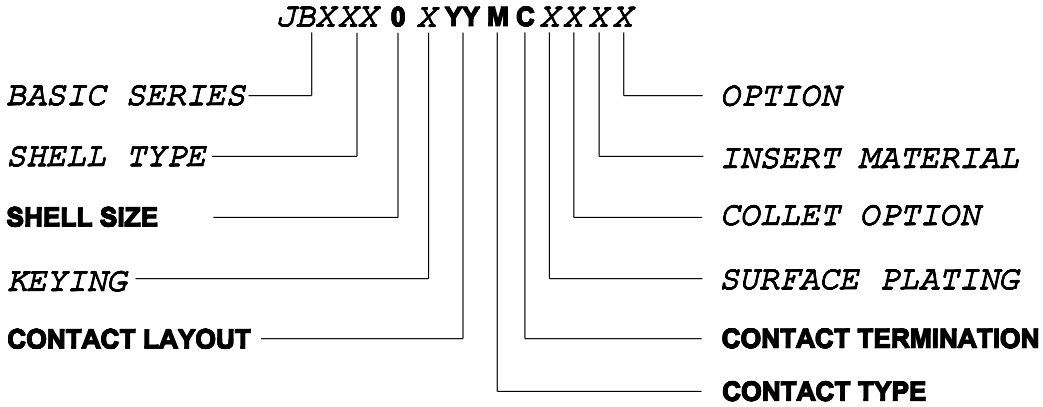
DWG. NO.
JBX0INSMCC

MALE INSULATOR, CRIMP CONTACT

CONTACT LAYOUT	02	03	04	05
FRONT SIDE VIEW				
REAR SIDE VIEW				
CONTACT				
ISO VIEW				
CONTACT	ØC	0.9	0.9	0.7
	ØF	1.1	1.1	0.85
	MAX. AWG	20	20	22
	MAX. CURRENT RATING (A)	10	10	7
INSULATOR	CONTACT RESISTANCE (mΩ)	3.5	3.5	5
	NUMBER OF CAVITY	2	3	5
	MAX. CURRENT RATING	10	8	6.5
	TEST VOLTAGE (Vrms)	1400	1300	800
WORKING VOLTAGE (Vdc/Vrms)		600/460	600/420	660/460
		400/260		



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, MALE INSULATOR, CRIMP CONTACT			
CAT NO. JBX0INSMC			
CAGE NO: 09922		SIZE: B	
CUSTOMER		SOURIAU	
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		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 JBX0INSMCC B 1 OF 1	

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	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°

Mouser Electronics

Authorized Distributor

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[JBXFH0G05MCSDSR](#) [JBXFH0G03MCSDSR](#)