DWG. NO.
JBXFD0C

MASS (g)	VOLUME (mm 3)
9.1	1414

NOTES:

1 RED DOT.

MATERIAL:

OUTER SHELL & BACK NUT : LATCHING SLEEVE : HALF BUSHES :	BRASS
COLLET :	POLYAMIDE

FINISH:

OUTER SHELL & BACK NUT :	CHROME
OTHER BRASS PARTS :	NICKEL

T* TOOLS

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:

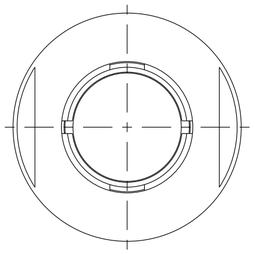
MAXIMUM WIRE SIZE USED :	SEE INSULATOR DRAWING
CABLE DIAMETER WITH PLASTIC COLLET SET SUPPLIED:	Ø1.5mm MIN. TO Ø5.5mm MAX.

ENVIRONMENTAL:

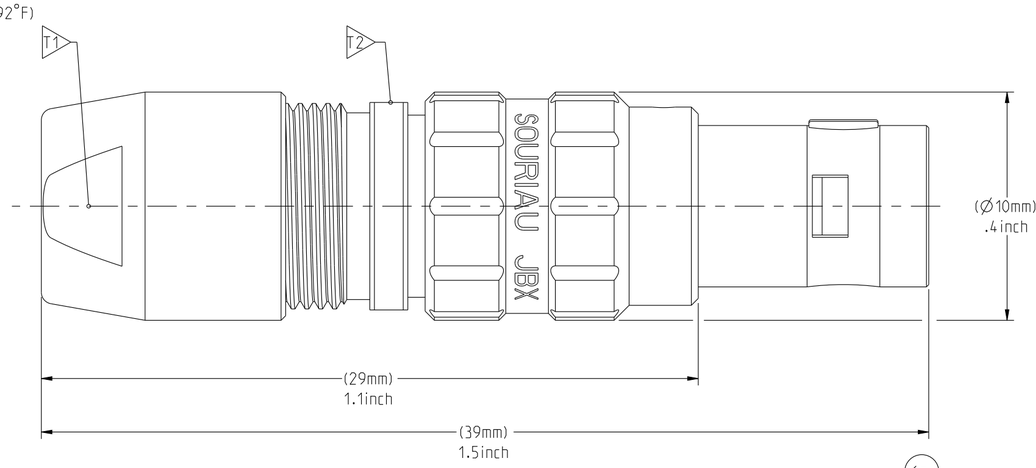
ENDURANCE:	1000 CYCLES AS PER MIL-STD 1344A, METHOD 2016.1
SHOCK:	50 g , DURATION 6 ms; AS PER MIL-STD 1344A, METHOD 2004.1
VIBRATIONS:	10 TO 2000Hz g = 15g, AS PER MIL-STD 1344A, METHOD 2005.1
PROTECTION INDEX:	IP 40 AS PER CEI 529
ROHS COMPLIANT	
SALT MIST :	48Hr PER SAE AS 1344 METHOD 1001.1 CEI 529

OPERATING TEMPERATURE:

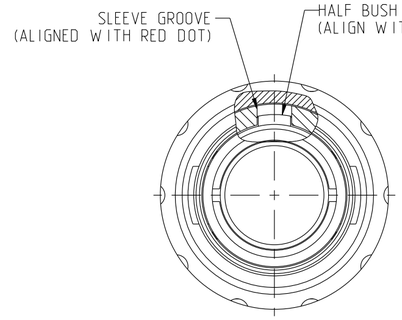
WITH PLASTIC COLLETS:	-55°C TO +125°C (-67°F TO +257°F)
WITH OPTIONAL METALLIC COLLETS: (ONLY ON REQUEST)	-55°C TO +200°C (-67°F TO +392°F)



WIRE SIDE VIEW

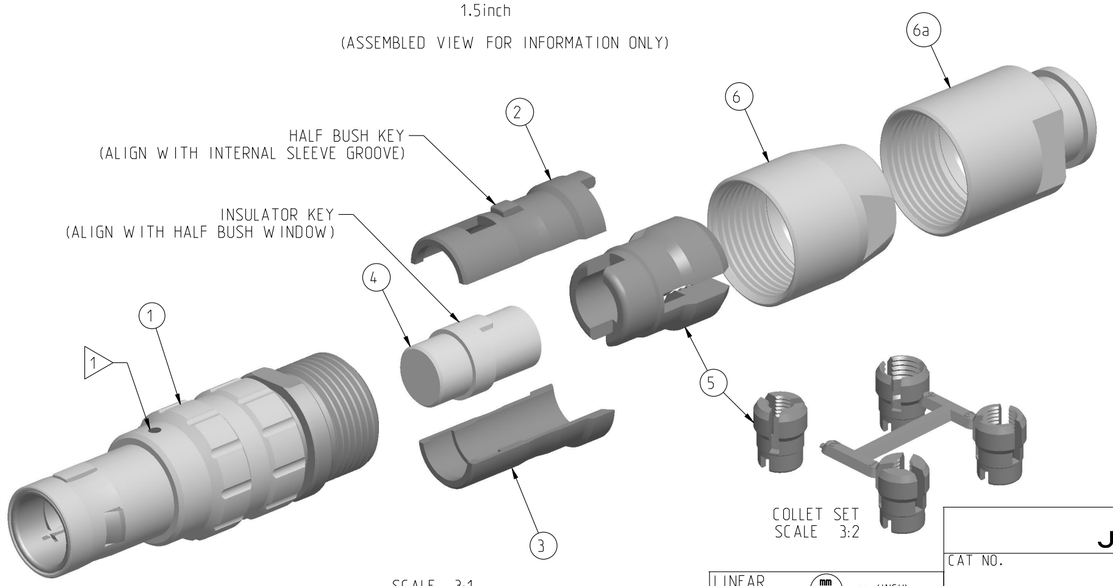


(ASSEMBLED VIEW FOR INFORMATION ONLY)



MATING SIDE VIEW

PART LIST	
ITEM NO.	DESCRIPTION
1	SLEEVE
2	HALF BUSHING WITH WINDOW
3	HALF BUSHING 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 3:2

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

CATALOG NUMBER DESCRIPTION

JBX FD 0 *XXXXXXDXX*

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

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

LINEAR MEASURE: mm (INCH) 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 0, STRAIGHT PLUG

CAT NO.
JBXFD0

CAGE NO: 09922 | SIZE: C

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 SCALE: 4:1

DRAWING NO.	REV
JBXFD0C	A

1 OF 1

CUSTOMER

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

SOURIAU
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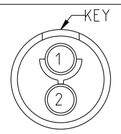
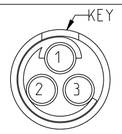
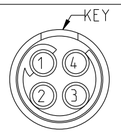
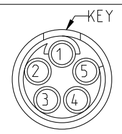
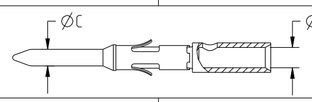
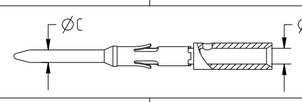
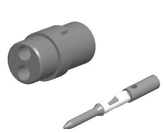
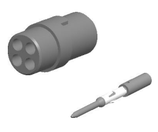
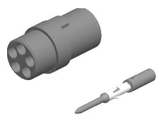
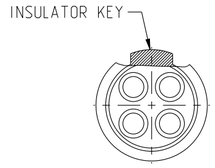
PRO-E

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	0.7
CONTACT ØF	1.1	1.1	0.85	0.85
CONTACT MAX. AWG	20	20	22	22
CONTACT MAX. CURRENT RATING (A)	10	10	7	7
CONTACT RESISTANCE (mΩ)	3.5	3.5	5	5
INSULATOR NUMBER OF CAVITY	2	3	4	5
INSULATOR MAX. CURRENT RATING	10	8	7	6.5
INSULATOR TEST VOLTAGE (Vrms)	1400	1300	1350	800
INSULATOR WORKING VOLTAGE (Vdc/Vrms)	600/460	600/420	660/460	400/260



CONTACT TYPE : **M (MALE)**

CONTACT TERMINATION : **C (CRIMP)**

MATERIAL:

CONTACT: BRASS

CLIP: COPPER ALLOY

INSULATOR: PEEK

FINISH:

CONTACTS : GOLD

CATALOG NUMBER DESCRIPTION

JBXXX **0** *X* **YY** **M** **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

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 0, MALE INSULATOR, CRIMP CONTACT

CAT NO.
JBX0INSMC

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
JBX0INSMCC	B

1 OF 1

PRO-E

2 1 B A

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