

4

3

2

1

DWG. NO.
JBXEA2G07FCSDSC

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 TABLE 1)
MAXIMUM CURRENT THAT CAN BE APPLIED SIMULTANEOUSLY
ON EACH LINE OF THE CONNECTOR MATED PAIR, CONTINUOUSLY
DURING ITS LIFE TIME IN NORMAL CLIMATIC CONDITIONS.

CONNECTOR TESTING :
VOLTAGE
1500Vrms
TEST VOLTAGE IS APPROXIMATELY 75% OF THE DWV
VOLTAGE AT NORMAL CLIMATIC CONDITIONS. THIS
VOLTAGE CAN BE ACHIEVED SEVERAL TIMES, BUT NOT
APPLIED CONTINUOUSLY.

CONNECTOR WORKING :
VOLTAGE
730/500 (Vdc/ Vrms)
WORKING VOLTAGE IS APPROXIMATELY 1/3 OF THE
TEST VOLTAGE. THIS VOLTAGE IS SUSTAINABLE FOR
THE LIFE OF THE CONNECTOR IN ITS WORKING
ENVIRONMENT.

PHYSICAL:

MAXIMUM WIRE SIZE USED FOR CRIMPING : 18 AWG

ENVIRONMENTAL:

ENDURANCE:
1000 CYCLES AS PER MIL-STD 1344A. METHOD 2016.1

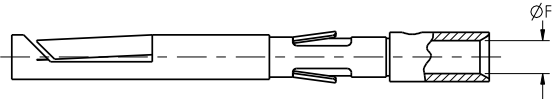
SHOCK:
100 g , DURATION 6 ms; AS PER MIL-STD 1344A. METHOD 2004.1

VIBRATIONS:
10 TO 2000Hz γ = 20g, AS PER MIL-STD 1344A. METHOD 2005.1

PROTECTION INDEX:
IP 40 AS PER CEI 529

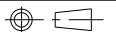
OPERATING TEMPERATURE:
-55°C TO +200°C (-67°F TO +392°F)

SOCKET CONTACT



CONTACT		USABLE CABLES		MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)	
ØC	ØF	CORE SECTION (mm ²)				
		MIN.	MAX.	AWG		
-	1.4	0.326	0.823	18-20-22	15	3

LINEAR
MEASURE:
THIRD ANGLE PROJECTION



TOLERANCES
UNLESS OTHERWISE SPECIFIED:
No. OF PLACESmm (INCH)
WHOLE No.±0.5 (±.02)
ONE PLACE±0.2 (±.008)
TWO PLACES±0.1 (±.004)
ANGLES±1°

DRAWING TITLE
JBX, SIZE 2, 7 POSITION, EA RECEPTACLE


CAT NO.
JBXEA2G07FCSDS

CAGE NO: 09922

SIZE: C

CUSTOMER

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



www.souriau.com

APPROVAL
DRAWN: SNL12-30-10
CHKD : TW12-30-10
DSGN : XXXmm-dd-yy
MFG : DH12-30-10
QC : DK12-30-10
DRAWING SCALE: 5:1
DRAWING NO. REV
JBXEA2G07FCSDSCA
2 OF 2

PRO-E

THIS DRAWING IS A CONTROLLED DOCUMENT FOR SOURIAU USA, INC.
IT IS THE RESPONSIBILITY OF THE USER TO ENSURE THAT THE LATEST REVISION
OF THIS DRAWING IS USED. FOR MORE INFORMATION, CONTACT THE DOCUMENT CENTER FOR THE LATEST REVISION.

C

B

THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE
DISCLOSED WITHOUT WRITTEN CONSENT FROM SOURIAU USA, INC.

4

3

2

1

D

C

B

A