

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

A

C

B

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

DWG. NO.
JBXEA2G04FCSDSC

ELECTRICAL:

EMI SHIELDING :	SHIELDED FOR THE RANGE 55dB UP TO 100MHz
INSULATION RESISTANCE :	>500M Ω 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	2400 Vrms 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	1000/800 (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 = 20 g, 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)

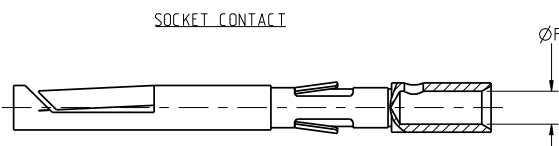





TABLE 1

TABLE 1						
CONTACT		USABLE CABLES			MAX. CURRENT RATING (A)	CONTACT RESISTANCE (m Ω)
$\varnothing C$	$\varnothing F$	CORE SECTION (mm ²)		AWG		
		MIN.	MAX.			
-	1.4	0.326	0.823	18-20-22	15	3

LINEAR MEASURE:  (INCH)  (MM)	
THIRD ANGLE PROJECTION	
	
TOLERANCES	
UNLESS OTHERWISE SPECIFIED	
No. OF PLACES	mm [INCH]
WHOLE No.	± 0.5 (\pm)
ONE PLACE	± 0.2 (\pm)
TWO PLACES	± 0.1 (\pm)
ANGLES $\pm 1^\circ$	

DRAWING TITLE	
JBX, SIZE 2, 4 POSITION, EA RECEPTACLE	

CAT NO. **JBXEA2G04FCSDS**

CAGE NO: 09922	SIZE: C
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CUSTOMER

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



SOURIAU
Connection Technology

www.souriau.com

APPROVAL	DRAWN: RKO	12-30-10
	CHKD : TW	12-30-10
	DSGN : XXX	mm-dd-yy
	MFG : DH	12-30-10
	QC : DK	12-30-10
DRAWING SCALE: 5:1		
DRAWING NO.		REV
JBXEA2G04FCDSDC		A
2 OF 2		

PRO-E