

DWG. NO.
JBXEA2G05FCSDSCTHIS DRAWING IS A CONTROLLED DOCUMENT FOR SOURIAU USA, INC.
IT IS SUBJECT TO CHANGE WITHOUT NOTIFICATION.
CONTACT THE DOCUMENT CONTROL CENTER FOR THE LATEST REVISION.**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
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
900/630 (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)

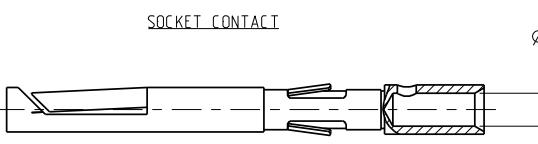


TABLE 1

CONTACT ∅C	∅F	USABLE CABLES		MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)		
		CORE SECTION (mm²)					
		MIN.	MAX.				
-	1.4	0.326	0.823	18-20-22	15		
					3		

C**B**THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE
DISCLOSED WITHOUT WRITTEN CONSENT FROM SOURIAU USA, INC.DRAWING TITLE
JBX, SIZE 2, 5 POSITION, EA RECEPTACLE
CAT NO. JBXEA2G05FCSDS

CAGE NO: 09922 SIZE: C

CUSTOMER	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
	JBXEA2G05FCSDS A
	2 OF 2
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LINEAR MEASURE: 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°

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

SOURIAU
Connection Technology
D**C****B****A**