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DWG. NO.
JBXEA2G19FCSDSC

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 : 1400Vrms
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 : 660/460 (Vdc/ Vrms)
VOLTAGE
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 : 22 AWG

ENVIRONMENTAL:

ENDURANCE: 500 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 γ = 15g, 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)

C

B

SOCKET CONTACT

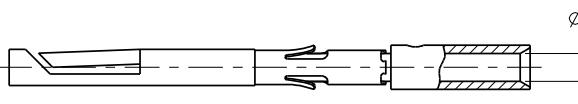


TABLE 1

CONTACT	USABLE CABLES			MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)
	ØC	ØF	CORE SECTION (mm²)		
			MIN.	MAX.	AWG
-	0.85	0.129	0.326	22-24-26	7
					5

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DRAWING TITLE
JBX, SIZE 2, 19 POSITION, EA RECEPTACLE

CAT NO.

JBXEA2G19FCSDS

CAGE NO: 09922

SIZE: C

CUSTOMER


SOURIAU
Connection Technology

www.souriau.com

LINEAR
MEASURE: 

THIRD ANGLE PROJECTION



TOLERANCES

UNLESS OTHERWISE SPECIFIED

NO. OF PLACES mm (INCH)

WHOLE NO. ± 0.5 ($\pm .02$)

ONE PLACE ± 0.2 ($\pm .008$)

TWO PLACES ± 0.1 ($\pm .004$)

ANGLES $\pm 1^\circ$

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

APPROVAL

DRAWN: SNL 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

JBXEA2G19FCSDS A

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