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DWG. NO.
JBXFD1G03MSSDSMRC

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	1300Vrms 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	600/420 (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 : 20 AWG

CABLE DIAMETER WITH PLASTIC : $\varnothing 2.0$ mm MIN.
COLLET SET SUPPLIED TO $\varnothing 7.5$ mm MAX.

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: 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)

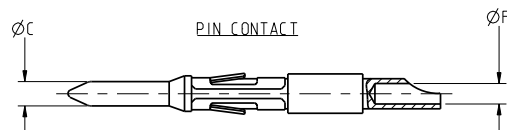


TABLE 1

CONTACT		USABLE CABLES			MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)
ØC	ØF	CORE SECTION (mm ²)		AWG		
		MIN.	MAX.			
1.3	1.1	-	0.60	20	15	3

DRAWING TITLE

JBX, SIZE 1, 3 POSITION, MALE STRAIGHT PLUG

CAT NO.

JBXFD1G03MSSDSMR

CAGE NO: 09922

SIZE: C

CUSTOMER

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



SOURIAU
Connection Technologies

www.souriau.com

APPROVAL	DRAWN: RKO	12-21-10
	CHKD : TW	12-21-10
	DSGN : xxx	mm-dd-yy
	MFG : DH	12-21-10
	QC : DK	12-21-10

DRAWING SCALE: 4:1	
DRAWING NO.	RE

DRAWING NO.	RE
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JBXFDIG03MSSDSMRC

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