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DWG. NO.
JBXFD0G03MSSDSMRC

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)

CONNECTOR TESTING : 1300Vrms
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.

PHYSICAL:

MAXIMUM WIRE SIZE USED FOR : 24 AWG
CABLE DIAMETER WITH PLASTIC : Ø1.5mm MIN.
COLLET SET SUPPLIED TO Ø5.5mm MAX.

ENVIRONMENTAL:

ENDURANCE:	1000 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: 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)

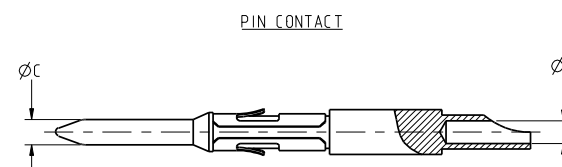







TABLE 1

CONTACT		USABLE CABLES			MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)
ØC	ØF	CORE SECTION (mm ²)		AWG		
		MIN.	MAX.			
0.9	0.8	-	0.21	24	10	3.5

LINEAR MEASURE:			 (INCH)
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 0, 03 POSITION, MALE STRAIGHT PLUG													
CAT NO.													
JBXFD0G03MSSDSMR													
CAGE NO: 09922	SIZE: C												
<div style="font-size: 2em; font-weight: bold;">CUSTOMER</div>		 <div style="font-weight: bold; font-size: 1.2em;">SOURIAU</div> <div style="font-size: 0.8em;">Connection Technology</div>	APPROVAL										
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DRAWN: TJS</td> <td style="width: 50%;">12-18-10</td> </tr> <tr> <td>CHKD : TW</td> <td>12-18-10</td> </tr> <tr> <td>DSGN : XXX</td> <td>mm-dd-yy</td> </tr> <tr> <td>MFG : DH</td> <td>12-18-10</td> </tr> <tr> <td>QC : DK</td> <td>12-18-10</td> </tr> </table>	DRAWN: TJS	12-18-10	CHKD : TW	12-18-10	DSGN : XXX	mm-dd-yy	MFG : DH	12-18-10	QC : DK	12-18-10
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MFG : DH	12-18-10												
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DRAWING SCALE: 5:1													
DRAWING NO. REV													
JBXFD0G03MSSDSMR C A													
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		www.souriau.com	2 OF 2										

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