

DWG. NO.
JBXFD1G06MSSDSMRC

ELECTRICAL:

EMI SHIELDING :	SHIELDED FOR THE RANGE 550B 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	1400Vrms 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	660/460 (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.

MAXIMUM WIRE SIZE USED : 26 AWG

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

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: 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)

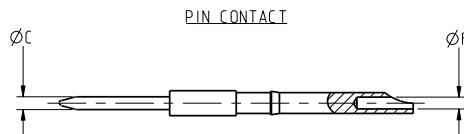



TABLE 1

CONTACT		USABLE CABLES		AWG	MAX. CURRENT RATING (A)	CONTACT RESISTANCE (m Ω)
$\varnothing C$	$\varnothing F$	CORE SECTION (mm ²)				
		MIN.	MAX.			
0.7	0.7	-	0.30	26	7	5

DRAWING TITLE			
JBX, SIZE 1, 6 POSITION, MALE STRAIGHT PLUG			
CAT NO.			
JBXFD1G06MSSDSMR			
CAGE NO: 09922		SIZE: C	
CUSTOMER		 SOURIAU Connection Technology	DRAWN: RKO 12-18-10 CHKD : TW 12-18-10 DSGN : xxx mm-dd-yy MFG : DH 12-18-10 QC : DK 12-18-10
			DRAWING SCALE: 4:1 DRAWING NO. REV
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		JBXFD1G06MSSDSMRC	A
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