

DWG. NO.
JBXFD0G03MCSDSMRC

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 CRIMPING : 20 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:	-55°C TO +200°C (-67°F TO +392°F)
(ONLY ON REQUEST)	

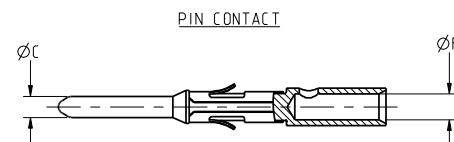






TABLE 1

CONTACT		USABLE CABLES			MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)
ØC	ØF	CORE SECTION (mm ²)		AWG		
		MIN.	MAX.			
0.9	1.1	0.205	0.518	20-22-24	10	3.5

LINEAR MEASURE:		
THIRD ANGLE PROJECTION		
		
TOLERANCES UNLESS OTHERWISE SPECIFIED		
No. OF PLACES	mm [INCH]	
WHOLE No.	$\pm 0.5 (\pm .010)$	
ONE PLACE	$\pm 0.2 (\pm .008)$	
TWO PLACES	$\pm 0.1 (\pm .005)$	
ANGLES $\pm 1^\circ$		

DRAWING TITLE			
JBX, SIZE 0, 03 POSITION, MALE STRAIGHT PLUG			
CAT NO.			
JBXFD0G03MCSDSMR			
CAGE NO: 09922		SIZE: C	
CUSTOMER		 SOURIAU Connection Technology	
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		DRAWING NO.	
		REV	
		JBXFD0G03MCSDSMR	
		A	
		2 OF 2	

D

C

B

A