






1

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 = 15 g, 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)	

Technical drawing of a 3D printer nozzle assembly. The drawing shows a side view of the nozzle with a central channel. Dimensions are indicated: ϕC for the outer diameter of the nozzle body, ϕF for the outer diameter of the nozzle tip, and ϕD for the inner diameter of the nozzle tip.

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 ($\pm .02$)		
ONE PLACE	± 0.2 ($\pm .008$)		
TWO PLACES	± 0.1 ($\pm .004$)		
ANGLES $\pm 1^\circ$			

DRAWING TITLE				
JBX, SIZE 2, 10 POSITION, MALE STRAIGHT PLUG				
CAT NO.				
JBXFD2G10M5SDSMR				
CAGE NO: 09922		SIZE: C		
CUSTOMER		 SOURIAU Connection Technology		
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		APPROVAL	DRAWN: JJM	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. REV	
			JBXFD2G10M5SDSMR C A	
			2 OF 2	
			www.souriau.com	