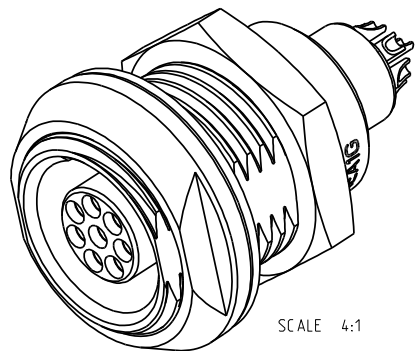
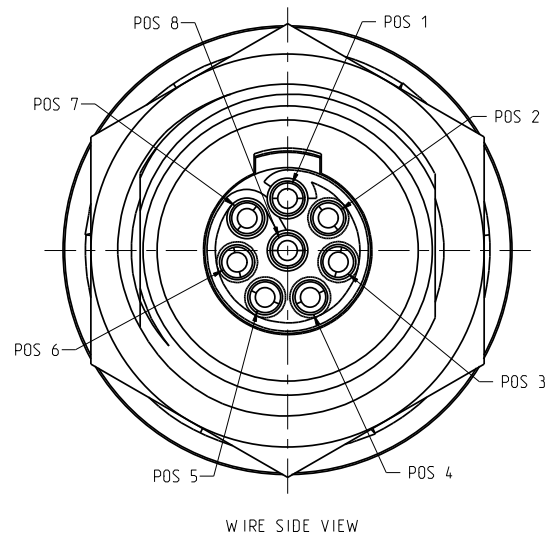


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**PRO-E**

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DWG. NO.  
JBXEAIG08FSSDSC

ELECTRICAL:

EMI SHIELDING :  
SHIELDED FOR THE RANGE  
55dB UP TO 100MHz

INSULATION RESISTANCE :  
>500MΩ 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  
1200 Vrms  
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 :  
26 AWG

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:  
-55°C TO +200°C (-67°F TO +392°F)

SOCKET CONTACT

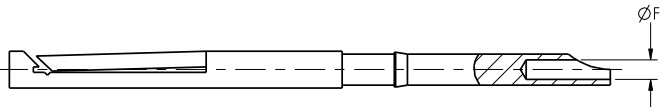



TABLE 1						
CONTACT		USABLE CABLES			MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)
ØC	ØF	CORE SECTION (mm <sup>2</sup> )		AWG		
		MIN.	MAX.			
-	0.63	-	0.15	26	7	5

LINEAR  
MEASURE:  
THIRD ANGLE PROJECTION



TOLERANCES  
UNLESS OTHERWISE SPECIFIED:  
No. OF PLACESmm (INCH)  
WHOLE No.±0.5 (±.02)  
ONE PLACE±0.2 (±.008)  
TWO PLACES±0.1 (±.004)  
ANGLES±1°


DRAWING TITLE  
JBX, SIZE 1, 8 POSITION, EA RECEPTACLE

CAT NO.  
JBXEAIG08FSSDS

CAGE NO: 09922SIZE: C

CUSTOMER

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

  
www.souriau.com

APPROVAL  
DRAWN: RK012-28-10  
CHKD : TW12-28-10  
DSGN : XXXmm-dd-yy  
MFG : DH12-28-10  
QC : DK12-28-10  
DRAWING SCALE: 6:1  
DRAWING NO. REV  
JBXEAIG08FSSDSCA  
2 OF 2

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PRO-E

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