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PRO-E

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DWG. NO.
JBXEDOG07FSSDPRC

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 :
680Vrms
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 :
320/220 (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 : 28 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

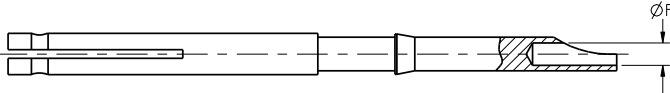



TABLE 1						
CONTACT		USABLE CABLES			MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)
∅C	∅F	CORE SECTION (mm ²)		AWG		
		MIN.	MAX.			
-	0.5	-	0.096	28	5	10

LINEAR
MEASURE:
THIRD ANGLE PROJECTION



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

DRAWING TITLE
JBX, SIZE 0, 7 POSITION, ED RECEPTACLE


CAT NO.
JBXEDOG07FSSDPR

CAGE NO: 09922

SIZE: C

CUSTOMER

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


www.souriau.com

APPROVAL
DRAWN: SNL
CHKD : TW
DSGN : XXX
MFG : DH
QC : DK

DRAWING SCALE: 4:1

DRAWING NO. REV

JBXEDOG07FSSDPRC A

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PRO-E

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