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PRO-E

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DWG. NO.  
JBXEA2G05FSSDSC

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  
1900Vrms  
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  
900/630 (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 : 20 AWG

ENVIRONMENTAL:

ENDURANCE:  
1000 CYCLES AS PER MIL-STD 1344A, METHOD 2016.1

SHOCK:  
100 g , DURATION 6 ms; AS PER MIL-STD 1344A, METHOD 2004.1

VIBRATIONS:  
10 TO 2000Hz γ = 20g, 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

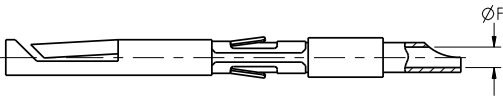
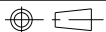


TABLE 1						
CONTACT		USABLE CABLES		AWG	MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)
ØC	ØF	CORE SECTION (mm <sup>2</sup> )				
		MIN.	MAX.			
-	1.1	-	0.60	20	15	3

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 2, 5 POSITION, EA RECEPTACLE

CAGE NO: 09922

SIZE: C

CUSTOMER

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



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APPROVAL

DRAWN: SNL12-30-10

CHKD : TW12-30-10

DSGN : XXXmm-dd-yy

MFG : DH12-30-10

QC : DK12-30-10

DRAWING SCALE: 5:1

DRAWING NO. REV

JBXEA2G05FSSDSCA

2 OF 2

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PRO-E

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