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SOCKET CONTACTS : GOLD AS PER MIL-G-45204C TYPE 1,CLASS 00.

**PRO-E**

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JBXEA2G06FSSDSC

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

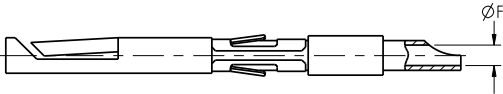
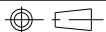


TABLE 1						
CONTACT		USABLE CABLES		AWG	MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)
ØC	ØF	CORE SECTION (mm <sup>2</sup> )				
		MIN.	MAX.			
-	1.1	-	0.60	20	15	3

LINEAR  
MEASURE:  
THIRD ANGLE PROJECTION



TOLERANCES  
UNLESS OTHERWISE SPECIFIED:

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

DRAWING TITLE

JBX, SIZE 2, 6 POSITION, EA RECEPTACLE

CAT NO.


JBXEA2G06FSSDS

CAGE NO: 09922

SIZE: C

CUSTOMER

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



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APPROVAL

DRAWN: SNL	12-30-10
CHKD : TW	12-30-10
DSGN : XXX	mm-dd-yy
MFG : DH	12-30-10
QC : DK	12-30-10
DRAWING SCALE: 5:1	
DRAWING NO.	REV
JBXEA2G06FSSDSC	A
2 OF 2	

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PRO-E

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