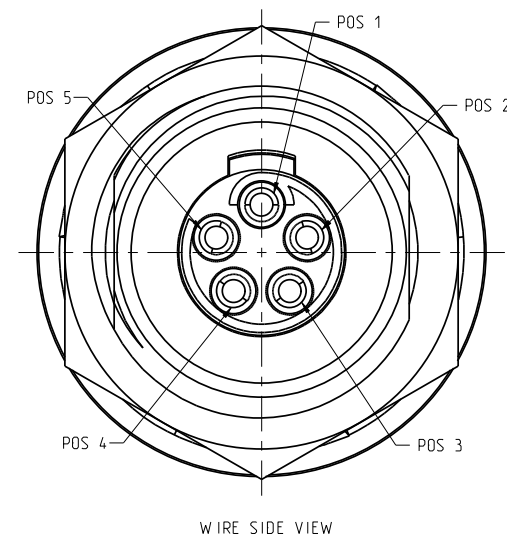






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A		RELEASED PER ECN 11353		SSF 01-26-11		SDH 01-26-11																												
REV		DESCRIPTION		BY DATE		CHKD DATE																												
DRAWING TITLE																																		
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LINEAR MEASURE:	 (INCH)	 (MM)
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°		

A

PRO-E

DWG. NO.
JBXEA1G05FSSDSC

ELECTRICAL:

EMI SHIELDING :	SHIELDED FOR THE RANGE 55dB UP TO 100MHz
INSULATION RESISTANCE :	>500M Ω 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	1400 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	660/460 (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.

MAXIMUM WIRE SIZE USED : 24 AWG

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

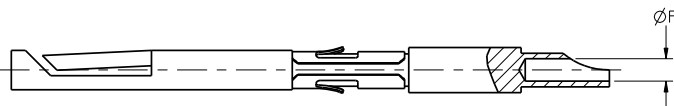


TABLE 1

CONTACT		USABLE CABLES			MAX. CURRENT RATING (A)	CONTACT RESISTANCE (m Ω)
$\varnothing C$	$\varnothing F$	CORE SECTION (mm ²)		AWG		
		MIN.	MAX.			
-	0.8	-	0.21	24	10	3.5

DRAWING TITLE	
JBX, SIZE 1, 5 POSITION, EA RECEPTACLE	

CAT NO. **JBXEA1G05FSSDS**

CAGE NO: 09922	SIZE: C
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CUSTOMER

INTERPRET THIS DRAWING IN ACCORDANCE
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APPROVAL	DRAWN: RKO	12-28-11
	CHKD : TW	12-28-11
	DSGN : XXX	mm-dd-yyyy
	MFG : DH	12-28-11
	QC : DK	12-28-11

DRAWING SCALE: 6:1	
DRAWING NO.	REV

JBXEA1G05FSSDSC	A
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2 OF 2

PRO-E