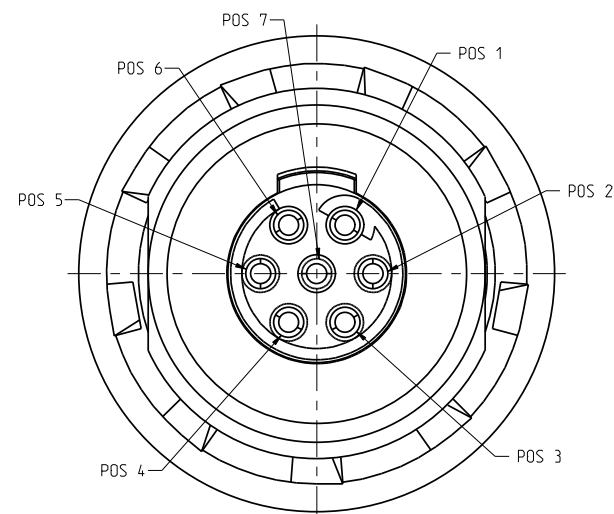
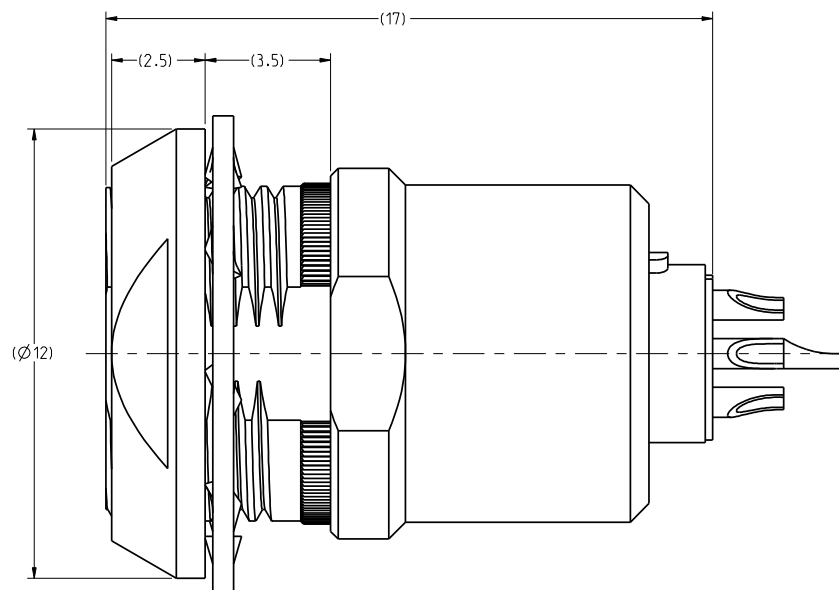


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MATING SIDE VIEW



WIRE SIDE VIEW

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

A

4

3

2

1

DWG. NO.
JBXEP0G07FSSDPC

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
680 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
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

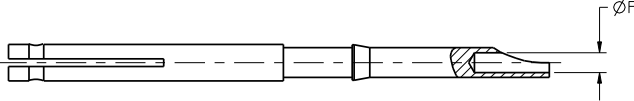



TABLE 1						
CONTACT		USABLE CABLES			MAX. CURRENT RATING (A)	CONTACT RESISTANCE (mΩ)
ØC	ØF	CORE SECTION (mm ²)		AWG		
		MIN.	MAX.			
-	0.5	-	0.096	28	5	10

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, EP RECEPTACLE

CAT NO.


JBXEP0G07FSSDP

CAGE NO: 09922

SIZE: C

CUSTOMER

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



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APPROVAL

DRAWN: RK0

01-11-11

CHKD : TW

01-11-11

DSGN : XXX

mm-dd-yy

PMFG : DH

01-11-11

QC : DK

01-11-11

DRAWING SCALE: 8:1

DRAWING NO.

REV

JBXEP0G07FSSDPC

A

2 OF 2

4

3

2

1

PRO-E

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