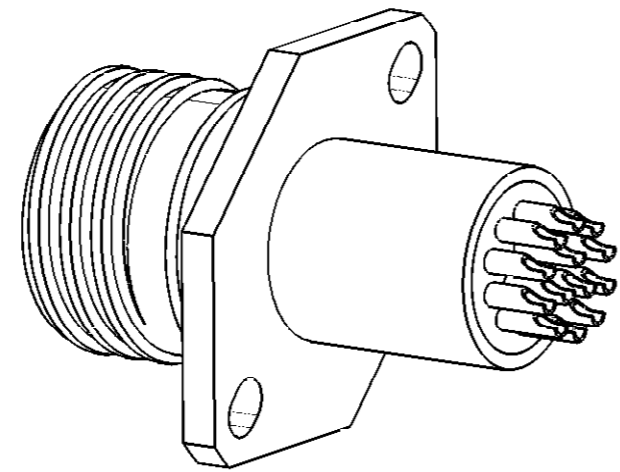
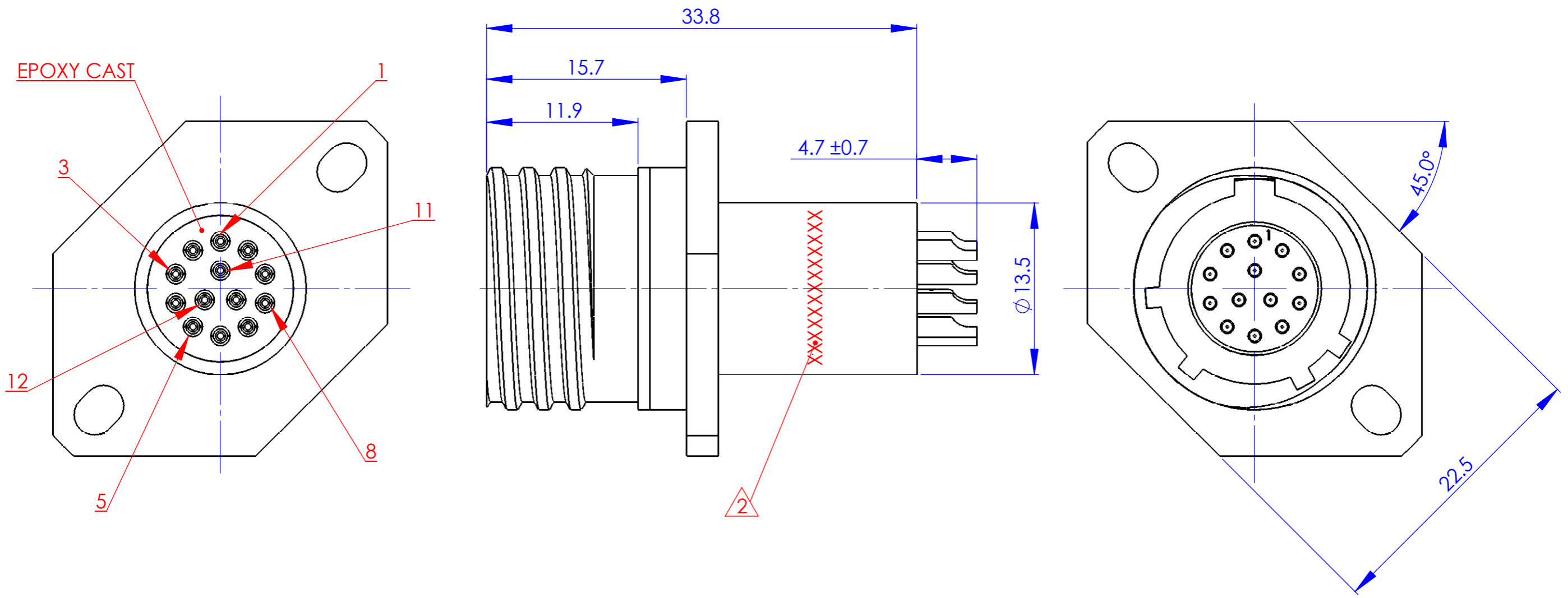


REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL



- NOTES:**
- CONNECTOR DESIGNED TO BE MATED WITH D38999/26FB35SN
  - MARKING: MANUFACTURER P/N, DATE CODE
  - THE DIMENSIONS NOT SHOWN ARE PER D38999/20FB35PN

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YURI ZARHIN	MECHANIC. DESIGN	02.06.10	DO NOT MEASURE ON DWG. BREAK SHARP CORNERS. ALL UNDIMENSIONED RADIUS ARE R=0.2	
YURI ZARHIN	DRAWING	02.06.10		
EYAL RONEN	ELECTR. DESIGN	02.06.10		
REGINA YOFFE	PA.	02.06.10		
NIR NISSIM	APPROVAL	02.06.10		
NEXT ASSY.	SURF. FINISH		PROJECT	...
---	N7		MATERIAL	
SURFACE TREATMENTS:			----	
ANGLE PROJECTION	TOLER.	TITLE: CD FOR D38999/III MATING 13 PIN CONT., SPECIAL, WALL MOUNT, FILTER CONNECTOR		
	X. ±0.5	SIZE DRAWING NO. REV.		
	X.X ±0.2			
	X.XX ±0.05			
SCALE N.A.	ANGLES ±30'	A3	AU001165	NEW
DIM. IN	Sheet 1 OF 2			

## Materials and Finishes:

Shell	Aluminum Alloy, Electroless Nickel Plating
Contacts	Copper Alloy, 1.3 μm MIN. Gold Plated Over Nickel
Solder Cups	Copper Alloy, Tin Plated
Potting	Epoxy Cast

REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL

## Filter Electrical Characteristics:

Contact Current Rating = 5A  
 Min. Insulation Resistance = 5GΩ

Minimum Attenuation (Measured per MIL-STD-220A; 50Ω System; No Load):

Contact	Filter Type	Working Voltage [V <sub>DC</sub> ]	D.W.V. [V <sub>DC</sub> ]	Cap. ±20%	f <sub>cc</sub> [kHz]	Attenuation [dB] vs. Frequency [MHz]			
						1	10	100	1000
All	Hi	100	250	20nF	340	7	32	75	65

## Environmental Characteristics:

Description	Value	Paragraph per Standard			
		ISO		MIL-STD	
		2100	7137	1344	202
Sealing	Up to 10 <sup>-3</sup> cm <sup>3</sup> /s @ ΔP=1atm				
Vibration (Random)	Up to 40g RMS 20 to 2,000Hz	12		2005.1	201, 204, 214
Vibration (Sine)	Up to 15g PTP 10 to 2,000Hz	12		2005.1	201, 204, 214
Shock	100g X 6ms Half Sine		7	2004.1	213
Climatic					103, 106
Temperature	-55°C to +125°C Operating and Storage				
Humidity	Up to 95% @ Storage Temp. Range	18b		1002.2	
Altitude	Up to 70,000ft	18a	4		
Salt Spray		22		1001.1	101
Sand and Dust		23	12		
Contact Endurance	More than 500 mating cycles	16			

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SURFACE TREATMENTS:			MATERIAL
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ANGLE PROJECTION	TOLER.	TITLE: CD FOR D38999/III MATING 13 PIN CONT., SPECIAL, WALL MOUNT, FILTER CONNECTOR	
	X. ±0.5		
	X.X ±0.2		
	X.XX ±0.05		
SCALE N.A.	ANGLES ±30'	SIZE	DRAWING NO.
DIM. IN MM	Sheet2 OF 2	A3	AU001165
			REV. NEW