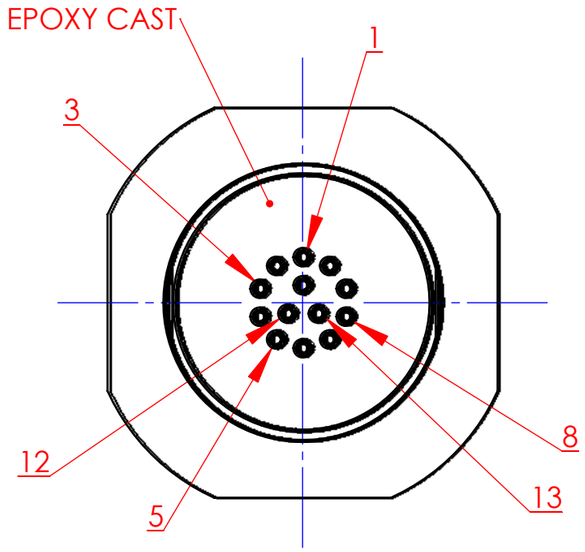
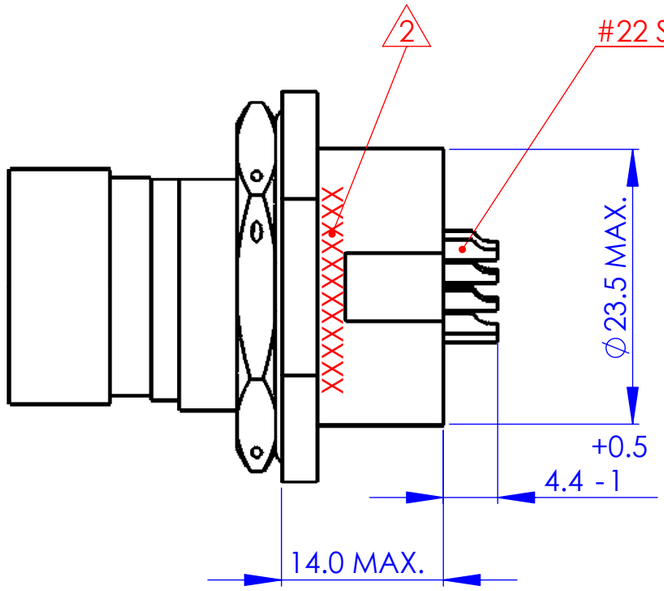
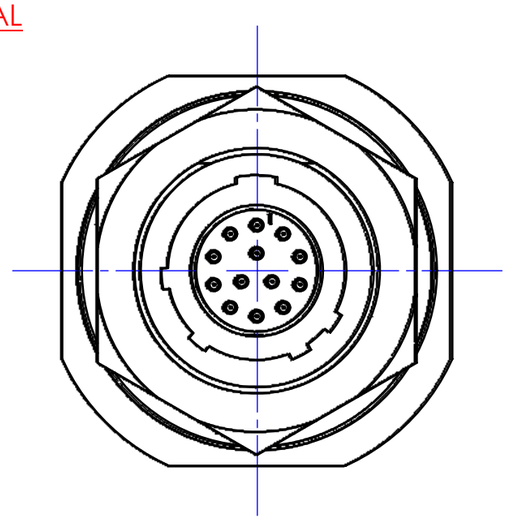
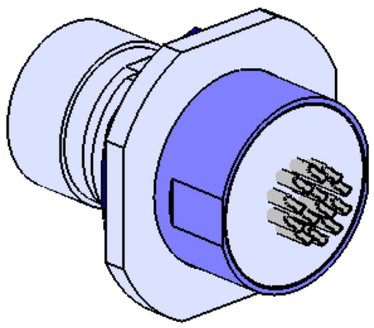
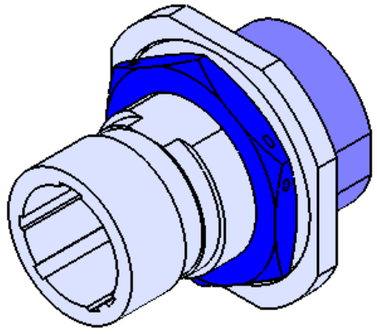
REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL











NOTES:

1. CONNECTOR BASED ON D38999/24WB35PN
2. MARKING: MANUFACTURER P/N, DATE CODE

DRAFT

NAME	POSITION	DATE
YURI ZARHIN	MECHANIC. DESIGN	23.12.12
YURI ZARHIN	DRAWING	23.12.12
EYAL RONEN	ELECTR.DESIGN	23.12.12
REGINA YOFFE	PA.	23.12.12
NIR NISSIM	APPROVAL	23.12.12

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NEXT ASSY.: ---

SURF. FINISH: N7

DO NOT MEASURE ON DWG.
BREAK SHARP CORNERS.
ALL UNDIMENSIONED RADIUS ARE R=0.2

PROJECT: ---

SURFACE TREATMENTS: ----

MATERIAL: ----

ANGLE PROJECTION

TOLER.
X. ±0.5
X.X ±0.2
X.XX ±0.05
ANGLES ±30'

SCALE N.A.

DIM. IN MM

Sheet1 OF 2

TITLE:
CD FOR D38999/III 13 PIN CONT.
1000 Base-T ETHERNET FILTER CONNECTOR

SIZE	DRAWING NO.	REV.
A3	MIL-LAN-AU001259	0

RF Immunity The Filtered Connector Specialists

REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL

Environmental Characteristics:

Description	Value	Paragraph per Standard			
		ISO		MIL-STD	
		2100	7137	1344	202
Sealing	Up to $10^{-3}cm^3/s$ @ 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			

Materials and Finishes:

Shell	Aluminum Alloy, Olive Drab Plating
Back Shell	Aluminum Alloy, Electroless Nickel Plating
Contacts	Copper Alloy, Gold Plated Over Nickel
Solder Cups	Copper Alloy, Tin Plated Over Nickel
Potting	Epoxy Cast

Filter Electrical Characteristics:

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

Contact	Signal	Current Rating [A]	Filter Type	W.V. [V_{DC}]	D.W.V. [V_{DC}]	Cap. ±20%	f_{co} [kHz]	Attenuation [dB] vs. Frequency [MHz]			
								1	10	100	1000
1, 6, 11-13	-	5	Pi	200	500	20nF	325	6	32	60	49
[2 & 3], [4 & 5], [7 & 8], [9 & 10]	[D+ & D-]	0.2	CMC	-	-	-	1000	2	10	20	15

DRAFT

NAME	POSITION	DATE
YURI ZARHIN	MECHANIC. DESIGN	23.12.12
YURI ZARHIN	DRAWING	23.12.12
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NEXT ASSY. ---

SURF. FINISH N7

DO NOT MEASURE ON DWG.
BREAK SHARP CORNERS.
ALL UNDIMENSIONED RADIUS ARE R=0.2

PROJECT ---

SURFACE TREATMENTS: ----

MATERIAL ----

ANGLE PROJECTION

TOLER.
X. ±0.5
X.X ±0.2
X.XX ±0.05
ANGLES ±30'

TITLE:
CD FOR D38999/III 13 PIN CONT.
1000 Base-T ETHERNET FILTER CONNECTOR

SCALE N.A.

SIZE A3

DRAWING NO. MIL-LAN-AU001259

REV. 0

DIM. IN MM

Sheet2 OF 2

RF Immunity The Filtered Connector Specialists