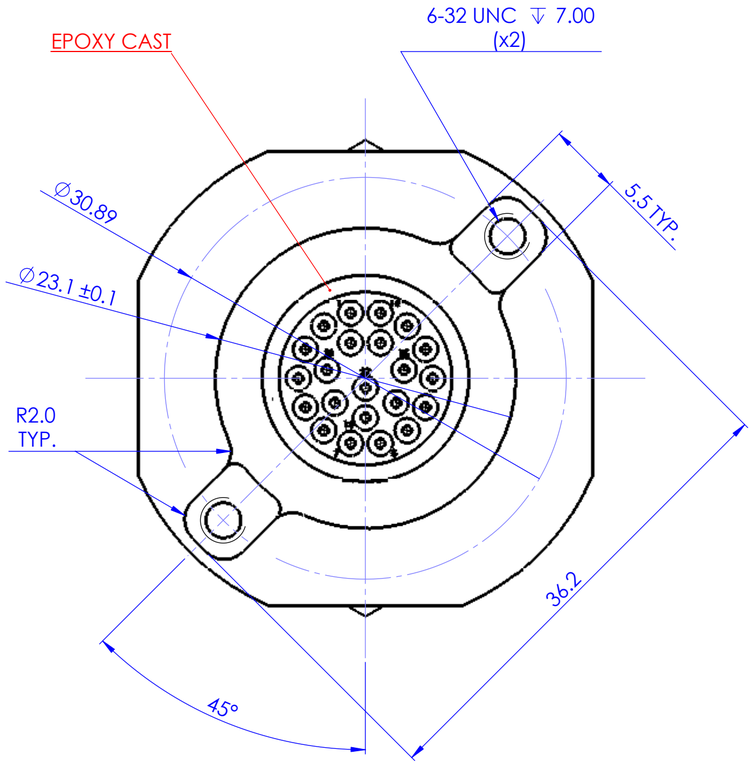
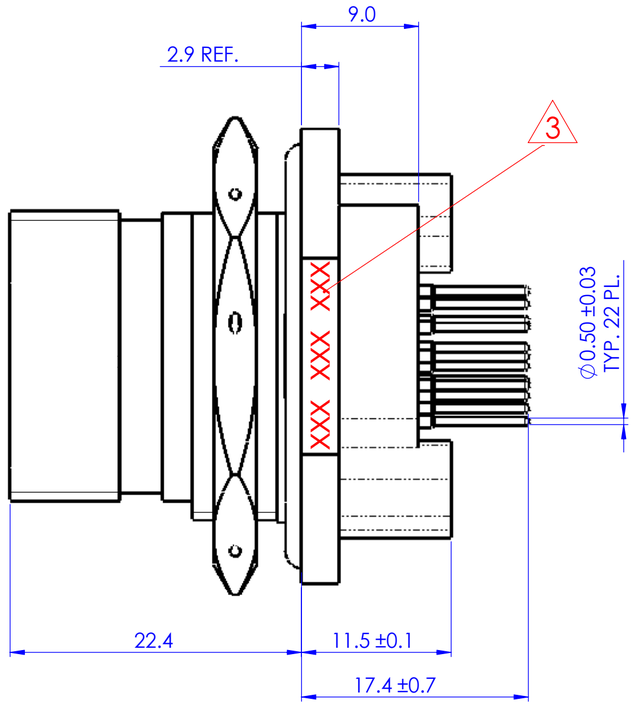
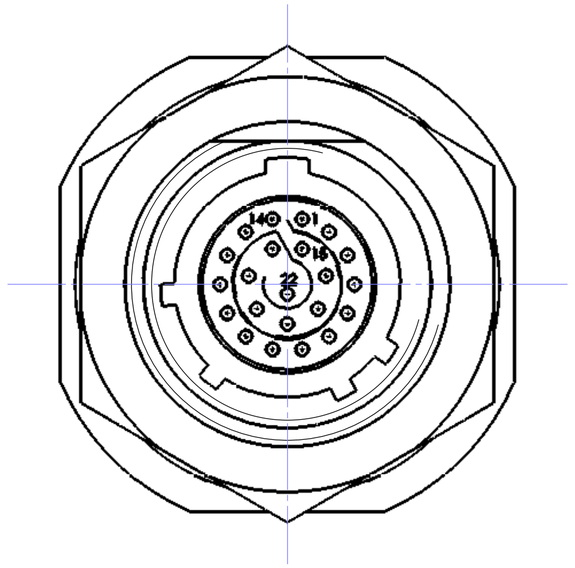
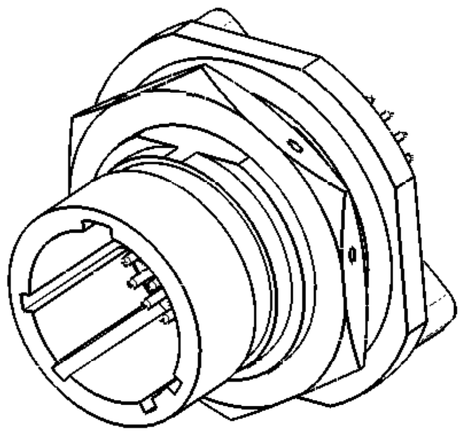
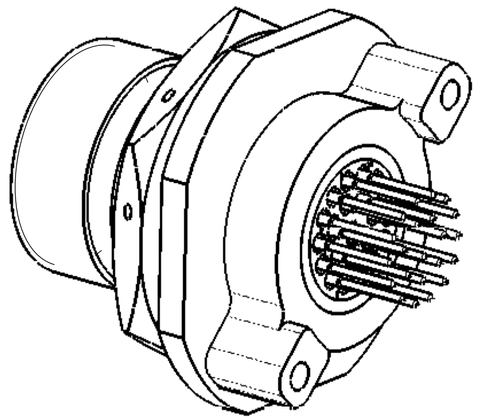
REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL
A	35-12	CONTACTS 12, 20 ADDED TO BE FILTERED	21.06.12	DUDI A.











NOTES:
1. THE PRODUCT BASED ON ELOP DOC. No. 3633-1107-01 rev --
2. THE CONNECTOR BASED ON D38999/24_C35PN
3. MARKING: MFR. P/N, CUSTOMER P/N+revision, DATE CODE.

NAME SIGNATURE	DATE		THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF RF IMMUNITY LTD. AND MAY NOT BE REPRODUCED, COPIED, DISCLOSED OR UTILIZED IN ANY WAY IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF RF IMMUNITY LTD.
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NIR NISSIM	19.09.11	CHECK	
YURI Z.	19.09.11	DESIGN	
REGINA YOFFE	19.09.11	PA.	
NIR NISSIM	19.09.11	APPR.	

NEXT ASSY.	SURF. FINISH	DO NOT MEASURE ON DWG. BREAK SHARP CORNERS. ALL UNDIMENSIONED RADIUS ARE R=0.5	PROJECT
XXXXX	N7		XX

SURFACE TREATMENTS:	MATERIAL

ANGLE PROJECTION	TOLER.	TITLE
	X. ±0.5 X.X ±0.2 X.XX ±0.05 ANGLES ±30'	CD FOR D38999/III , JAM NUT FILTERED AND HERMETICALLY SEALED, 22 PIN CONT. CONNECTOR

SCALE N.A.	SIZE	DRAWING NO.	REV.
DIM. IN MM	A2	C3J13Z35R4N070211	A
SHEET 1 OF 2			

RF Immunity The Filtered Connector Specialists

REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL
X	XXXX	XXXXX	XXXXXXX	XXXXX

Filter Electrical Characteristics:

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

No-Load Insertion Loss Measurements in a 50Ω System per MIL-STD-220A

Contact	Filter Type	Filter Cap.	W.V. [V_{DC}]	D.W.V. [V_{DC}]	Min. Attenuation [dB] vs. Frequency [MHz]			
					1	10	100	1000
1, 2, 12, 20	PI	940pF	200	500	0	2	25	50
8, 11, 13, 16	PI	9.4nF	200	500	2	15	52	50
All others	No Filter	-	-	-	-	-	-	-

Environmental Characteristics:

Description	Value	Paragraph per Standard			
		ISO		MIL-STD	
		2100	7137	1344	202
Sealing	Up to $10^{-5}cm^3/s$ @ 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	48 hours	22		1001.1	101
Sand and Dust		23	12		110
Contact Endurance	More than 500 mating cycles	16			

Materials and Finishes:

Shell	Aluminum Alloy, Black Zinc-Cobalt plating
Contacts	Copper Alloy, Gold Plated Over Nickel
Potting	Epoxy Cast

NAME	SIGNATURE	DATE	
YURI Z.		19.09.11	DRAFT
NIR NISSIM		19.09.11	CHECK
YURI Z.		19.09.11	DESIGN
REGINA YOFFE		19.09.11	PA.
NIR NISSIM		19.09.11	APPR.

NEXT ASSY. XXXXX
SURF. FINISH N7
DO NOT MEASURE ON DWG.
BREAK SHARP CORNERS.
ALL UNDIMENSIONED RADIUS ARE R=0.5
PROJECT XX
SURFACE TREATMENTS:
MATERIAL
ANGLE PROJECTION
TOLER. X. ±0.5, X.X ±0.2, X.XX ±0.05, ANGLES ±30'
TITLE CD FOR D38999/III , JAM NUT FILTERED AND HERMETICALLY SEALED, 22 PIN CONT. CONNECTOR
SCALE N.A.
DIM. IN MM
SHEET 2 OF 2
SIZE A2
DRAWING NO. C3J13Z35R4N070211
REV. A

RF Immunity The Filtered Connector Specialists