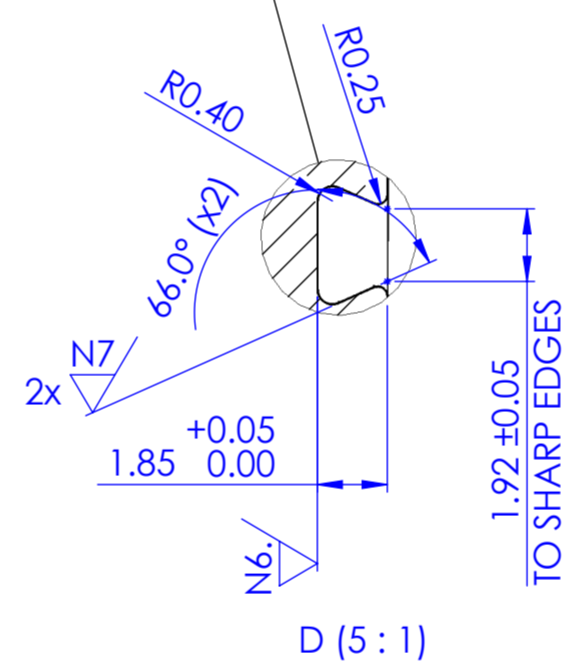
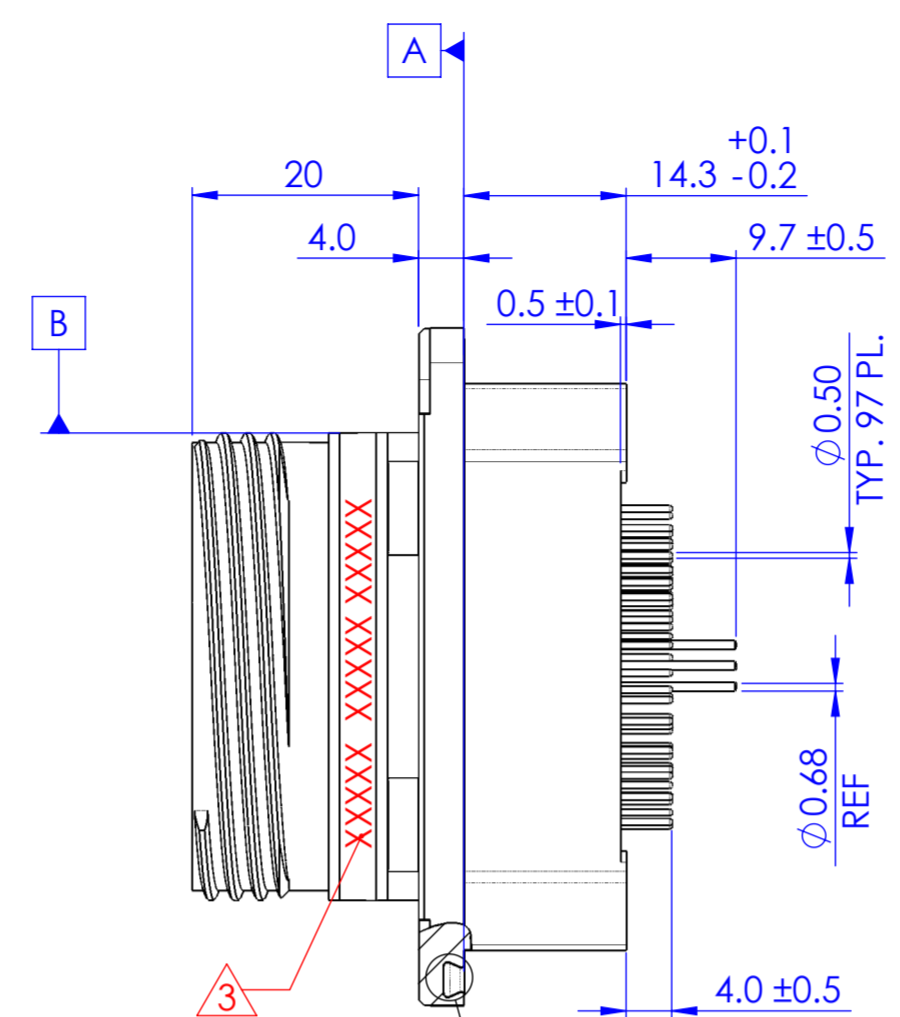
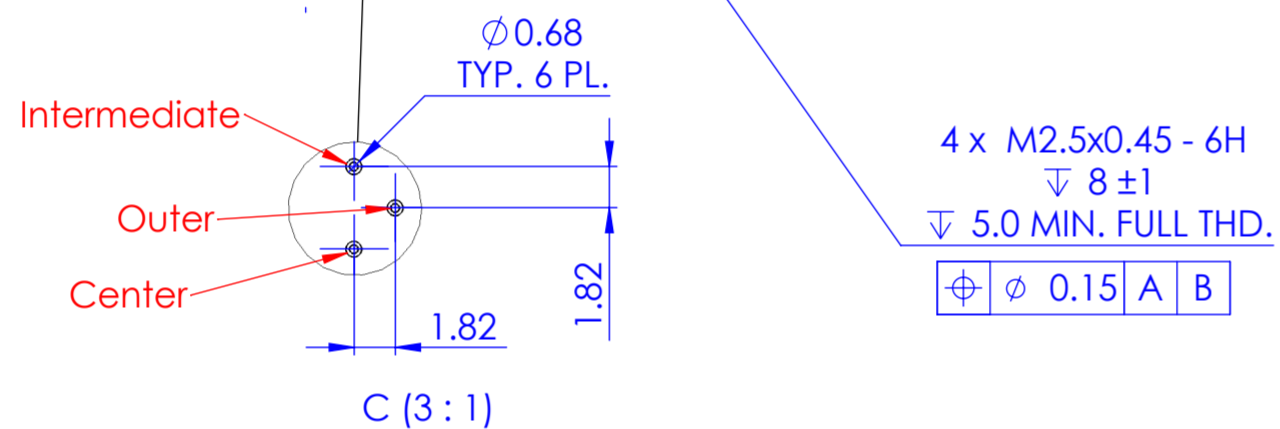
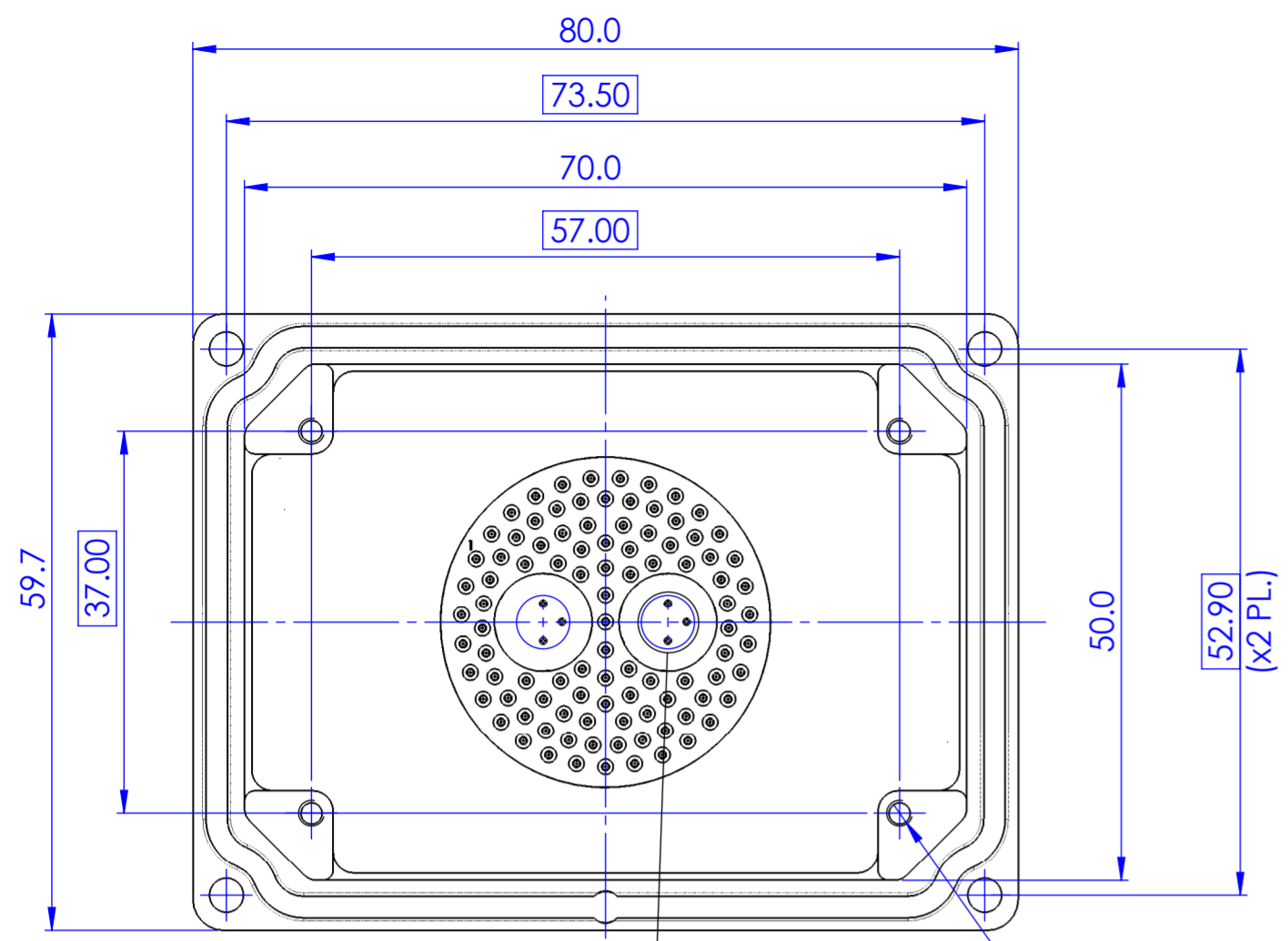
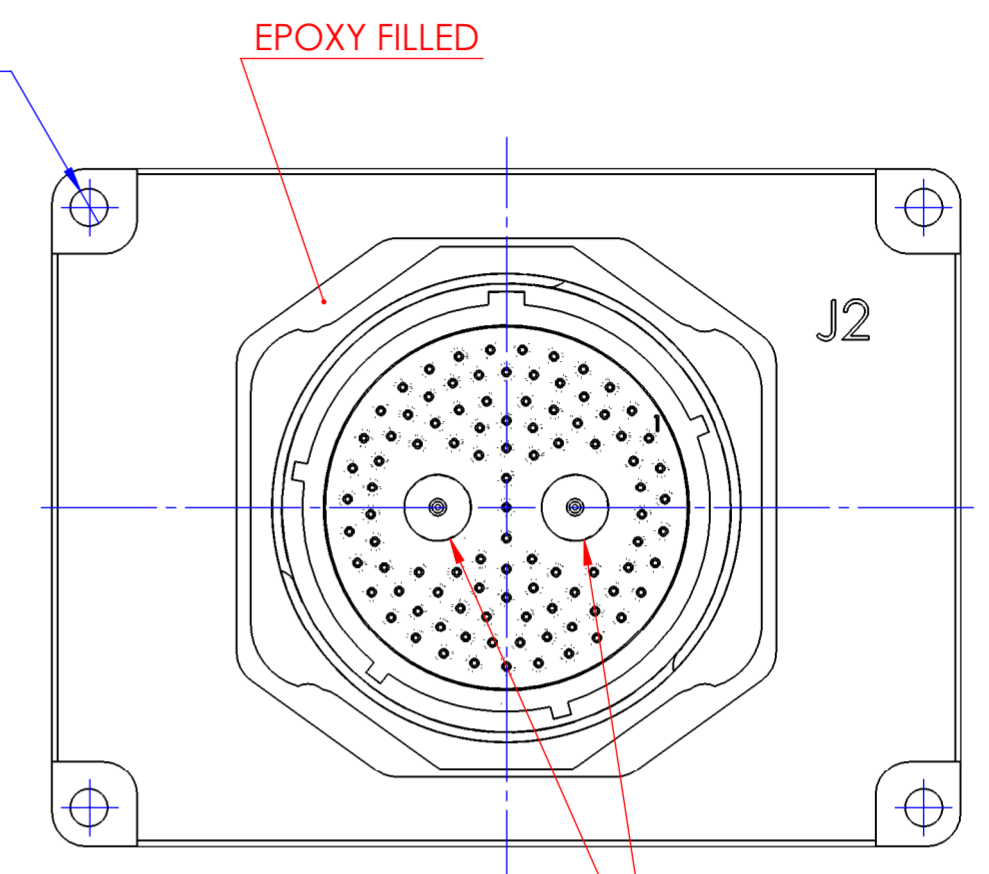


REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL

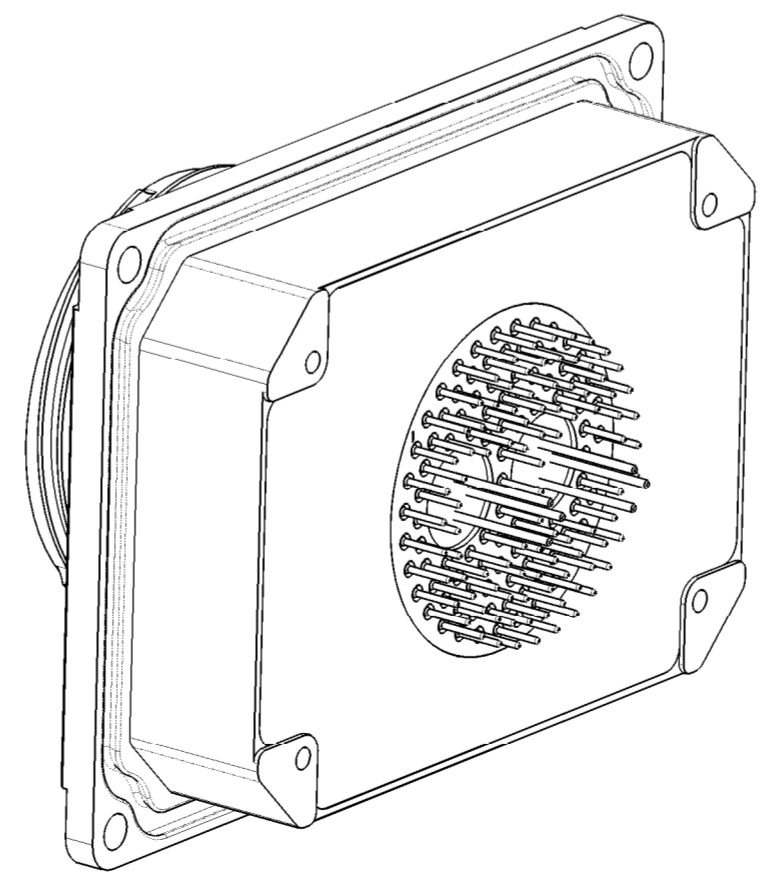
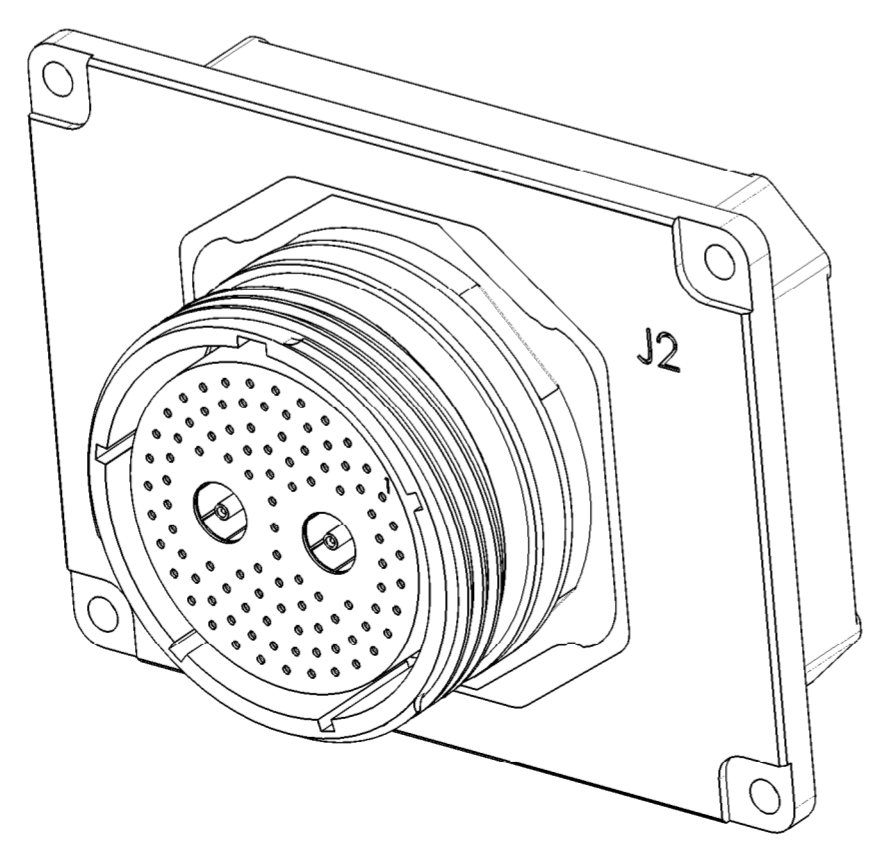


4 x Ø 3.3 THRU  
 Ø 0.15 A B



TWINAX CONT. #8  
 21-033921-045 AMPHENOL

# DRAFT-1



- NOTES:  
 1. BASED ON ELOP SPEC No. 4360-2302-00 rev. A  
 2. THE CONNECTOR BASED ON D38999/24ZJ7SN  
 3. MARKING: MFR. P/N, CUSTOMER P/N+revision, DATE CODE.

NAME	SIGNATURE	DATE	TITLE	PROJECT
YURI Z.		15.02.16	DRAFT	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.
NIR NISSIM		15.02.16	CHECK	
YURI Z.		15.02.16	DESIGN	
REGINA YOFFE		15.02.16	PA.	
NIR NISSIM		15.02.16	APPR.	
NEXT ASSY.	SURF. FINISH			
XXXXX	N7			XX
SURFACE TREATMENTS:			MATERIAL	

ANGLE PROJECTION	TOLER.	TITLE	SCALE	N.A.	ANGLES	SIZE	DRAWING NO.	REV.
	X. ±0.5	CD FOR D38999/III, SPECIAL FILTERED, PROTECTED AND HERM. SEALED, 99 SOCKET CONT. CONNECTOR			±30'	A2	C3W25ZN07U1N990407	6
	X.X ±0.2							
	X.XX ±0.05							



### Filter and Transient Protection Electrical Characteristics

Contact	Current Rating [A]	V <sub>Standoff</sub> [V <sub>DC</sub> ]	V <sub>Clamping</sub> [V <sub>DC</sub> ]	Power <sup>1</sup> [W]	Filter Type	Filter Cap. ±20%	Attenuation <sup>2</sup> [dB] vs. Frequency [MHz]				Max. Cap. ±10%
							1	10	100	1000	
25, 75	Center	0.5	28	45.4	3000	-	-	-	-	-	44pF
	Intermediate	0.5	28	45.4	3000	-	-	-	-	-	44pF
	Outer	0.5	-	-	-	-	-	-	-	-	44pF
17, 29, 64, 80, 87, 91	0.1	5	9.2	200	PI	9.4nF	2	15	52	50	10nF
9, 12, 47, 69, 98	1	5	9.2	600	PI	9.4nF	2	15	52	50	10nF
14, 52, 95	1	30?	?	600	PI	9.4nF	2	15	52	50	10nF
41, 76	0.3	11	18.2	1500	PI	9.4nF	2	15	52	50	10nF
1, 2, 4-6, 11, 15, 18-21, 42, 46, 51, 60, 68, 82, 89, 90, 93, 97	1	33	53.3	3000	PI	9.4nF	2	15	52	50	10nF
48, 49	0.5	10	17	200	PI	44pF	0	0	0	25	50pF
33, 34, 43, 50, 59, 61, 77, 81	0.3	11	18.2	400	PI	940pF	0	2	25	50	1nF
3, 7, 8, 10, 16, 22, 23, 30, 37, 38, 55, 56, 65, 72, 73, 79, 83-86, 88, 92, 94, 99	0.1	5	9.2	200	PI	940pF	0	2	25	50	1nF
13, 24, 26-28, 31, 32, 35, 36, 39, 40, 44, 45, 53, 54, 57, 58, 62, 63, 66, 67, 70, 71, 74, 78, 96	5	-	-	No Protection	No Filter	-	-	-	-	-	

<sup>1</sup> – Peak Pulse Power @ 25°C, 10/1000µs

<sup>2</sup> – Typical Attenuation per MIL-STD-220 (50Ω System; No Load)

### Environmental Characteristics:

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

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

### Materials and Finishes:

Shell	Aluminum Alloy, Zinc-Nickel plating over Electroless Nickel
Contacts	Copper Alloy, 1.27µ Gold Plated over Nickel
Potting	Epoxy Cast

DRAFT-1

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NIR NISSIM	15.02.16	CHECK		
YURI Z.	15.02.16	DESIGN		
REGINA YOFFE	15.02.16	PA.		
NIR NISSIM	15.02.16	APPR.		
NEXT ASSY. SURF. FINISH	XXXX	N7	DO NOT MEASURE ON DWG. BREAK SHARP CORNERS. ALL UNDIMENSIONED RADIUS ARE R=0.5	PROJECT XX
SURFACE TREATMENTS:			MATERIAL	
ANGLE PROJECTION	TOLER.		TITLE CD FOR D38999/III , SPECIAL FILTERED, PROTECTED AND HERM. SEALED, 99 SOCKET CONT. CONNECTOR	
	X. ±0.5			
	X.X ±0.2			
	X.XX ±0.05			
SCALE N.A.	ANGLES ±30'	SIZE	DRAWING NO.	REV.
DIM. IN MM	SHEET OF 2/2	A2	C3W25ZN07U1N990407	6