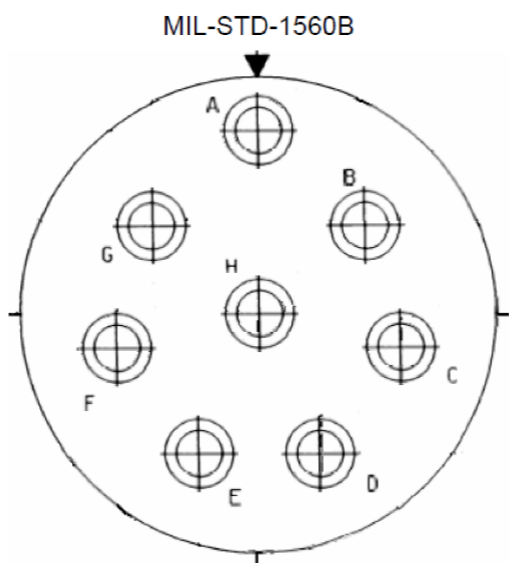
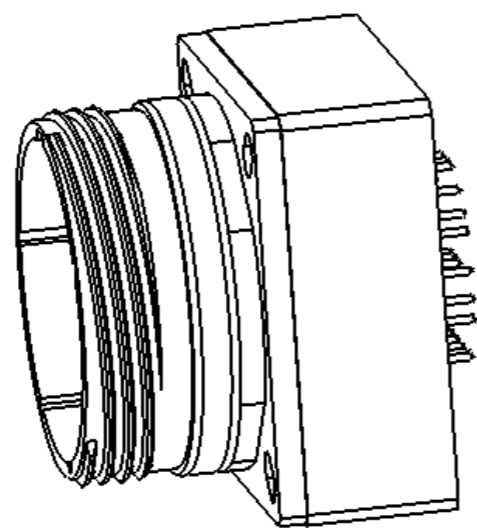
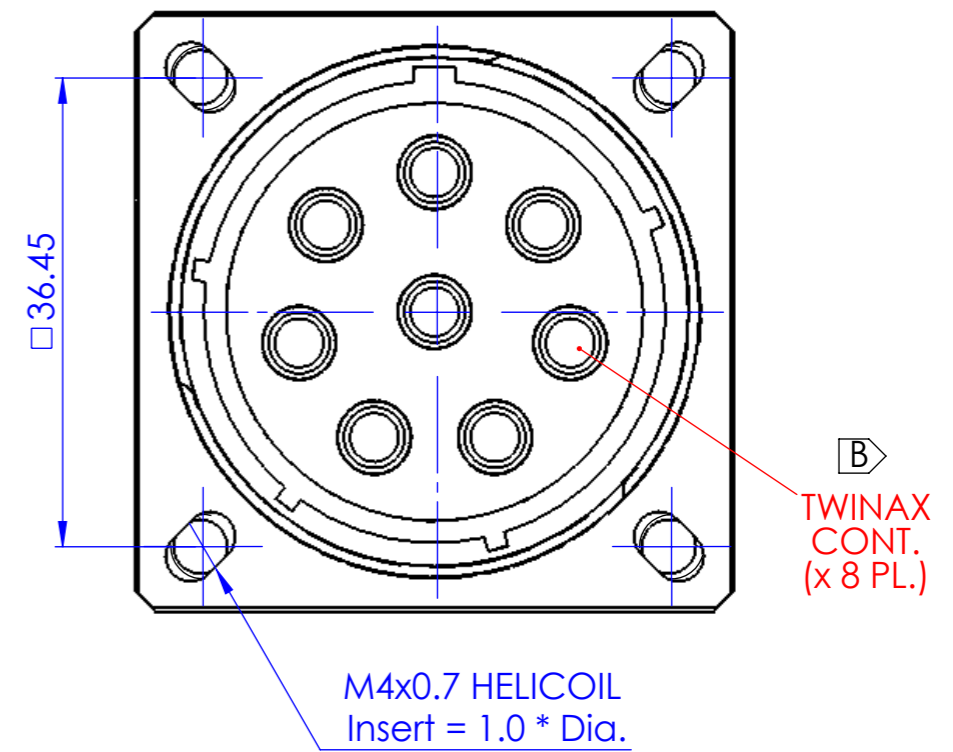
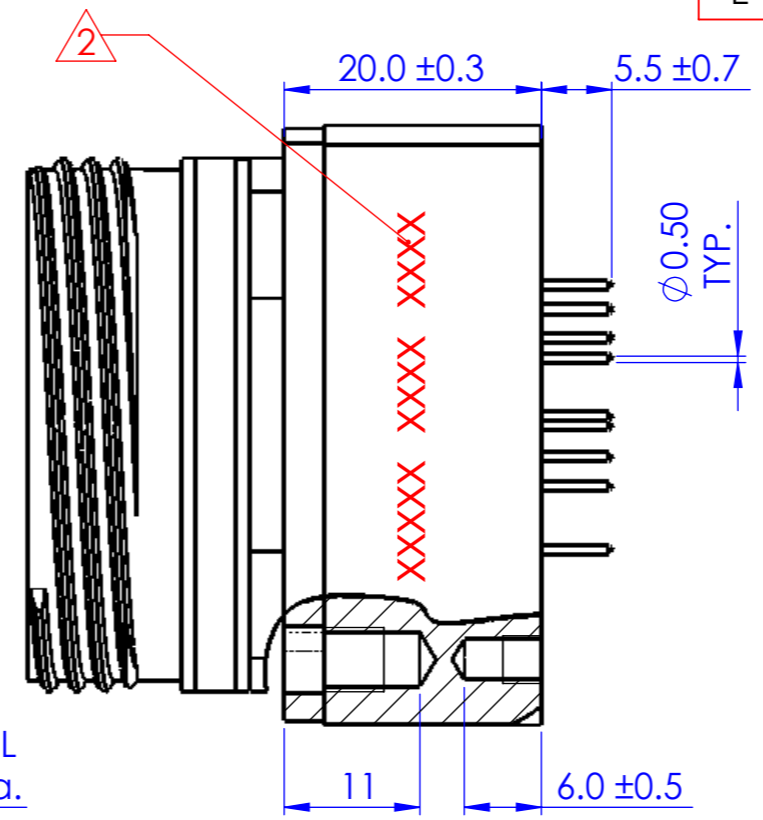
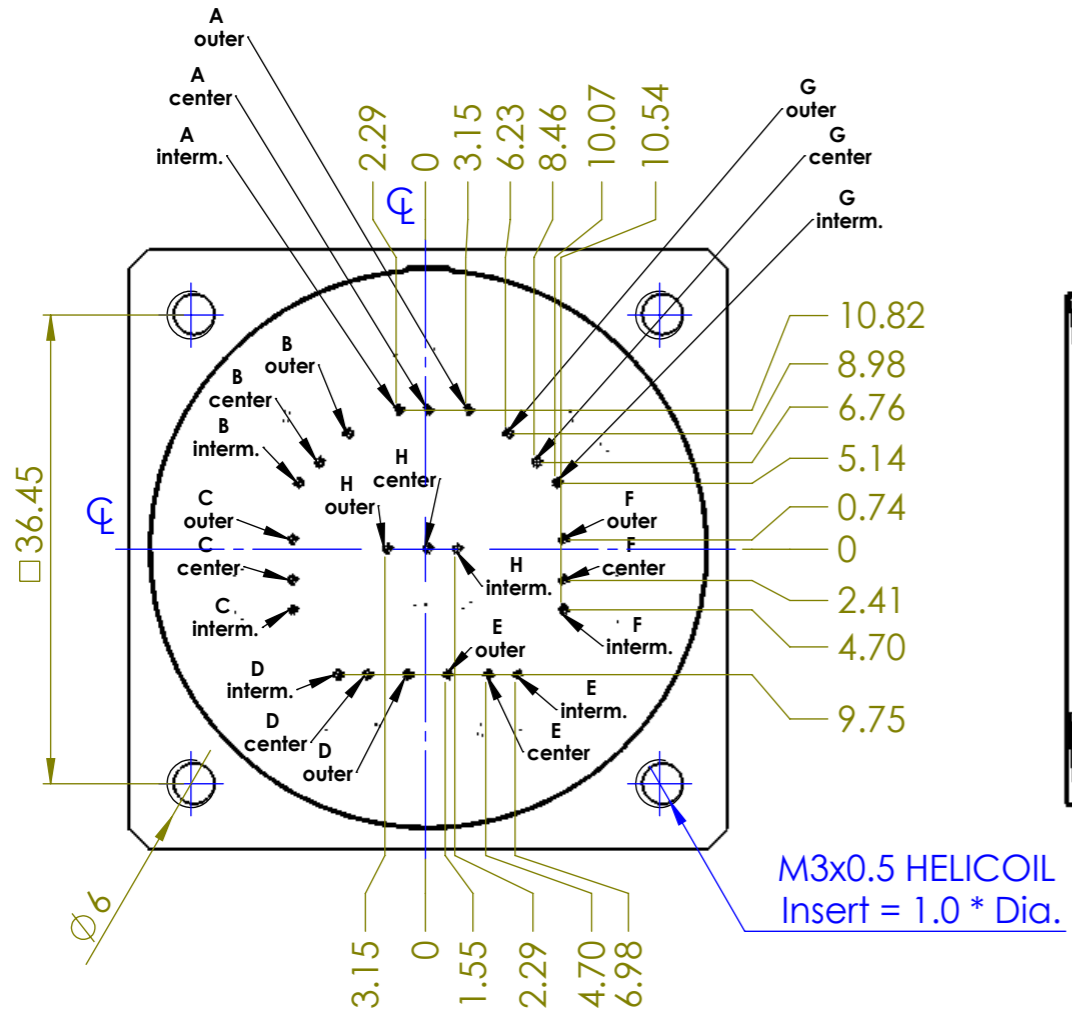


REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL
B	--	TRIAx CONT. REPLACED BY TWINAX	17.08.15	YURI Z.
C	12-16	ATTENUATION VALUES UPD.	11.05.16	EYAL R.
D	12-16	CAPACITANCE UPDATED TO 500pF	31.05.16	EYAL R.
E	--	THREAD NUBS REMOVED	31.10.16	YURI Z.



- NOTES:**
1. BASED ON D38999/20WJ8PN
 2. MARKING BY BLACK COLOR: AMPHENOL FLT-D38999/20-W-J-8PN, DATE CODE (WW.YY)
 3. UNSHOWN DIMENSIONS ARE PER MIL-DTL-38999
 4. CUSTOMER ID: J4

NAME	POSITION	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.	
YURI ZARHIN	MECHANIC. DESIGN	02.01.14	DO NOT MEASURE ON DWG. BREAK SHARP CORNERS. ALL UNDIMENSIONED RADIUS ARE R=0.2	
YURI ZARHIN	DRAWING	02.01.14		
EYAL RONEN	ELECTR. DESIGN	02.01.14		
REGINA YOFFE	PA.	02.01.14		
NIR NISSIM	APPROVAL	02.01.14	PROJECT	
NEXT ASSY.	SURF. FINISH		MATERIAL	
---	N7		---	
SURFACE TREATMENTS:			---	
---			---	
ANGLE PROJECTION	TOLER.	TITLE: CD FOR D38999/III FILTER & TRANSIENT PROTECTED 8 PIN CONT. (25-08) CONNECTOR		
	X. ±0.5	SIZE DRAWING NO. REV.		
	X.X ±0.2			
	X.XX ±0.05			
SCALE N.A.	ANGLES ±30'	A3	C3W25W08P9N070323	E
DIM. IN MM	Sheet 1 OF 2			



REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL



Filter¹ and Transient Protection² Electrical Characteristics

Contact	Contact Current [A]	W.V. [V _{DC}]	V _{C,MAX} [V _{DC}]	Filter Type	Cap. ±20% [pF]	f _{co} [MHz]	Attenuation [dB] vs. Frequency [MHz]			
							1	10	100	1000
A, B, C, D, E, F, G, H Center	1	5.7	10.6	Pi	500	25.3	0	0	15	40
A, B, C, D, E, F, G, H Intermediate	1	5.7	10.6	Pi	500	25.3	0	0	15	40
A, B, C, D, E, F, G, H Outer	-	-	-	CGND 0Ω	-	-	-	-	-	-

¹ – Minimum Attenuation per MIL-STD-220 (50Ω System; No Load)

² – Transient Protection per RTCA/DO-160E A2XXX (Pin Injection Level 2; Waveforms 3 & 4)

Environmental Characteristics:

Description	Value	Paragraph per Standard			
		ISO		MIL-STD	
		2100	7137	1344	202
Sealing	Up to 3x10 ⁻³ cm ³ /s Air @ 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 for Cadmium	22		1001.1	101
Sand and Dust		23	12		110
Contact Endurance	More than 500 mating cycles	16			

Materials and Finishes:

Shell	Aluminum Alloy, Olive Drab Cadmium plating
Contacts	Copper Alloy, 1.27 μm MIN. Gold Plated Over Nickel
Potting	Epoxy Cast

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YURI ZARHIN	MECHANIC. DESIGN 02.01.14		
YURI ZARHIN	DRAWING 02.01.14		
EVAL RONEN	ELECTR. DESIGN 02.01.14		
REGINA YOFFE	PA. 02.01.14		
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NEXT ASSY.	SURF. FINISH N7	MATERIAL	
SURFACE TREATMENTS:		TITLE: CD FOR D38999/III FILTER & TRANSIENT PROTECTED 8 PIN CONT. (25-08) CONNECTOR	
ANGLE PROJECTION	TOLER.	SCALE N.A.	
	X. ±0.5 X.X ±0.2 X.XX ±0.05	SIZE A3	
DIM. IN	Sheet 2 OF 2	DRAWING NO. C3W25W08P9N070323	
MM		REV. E	