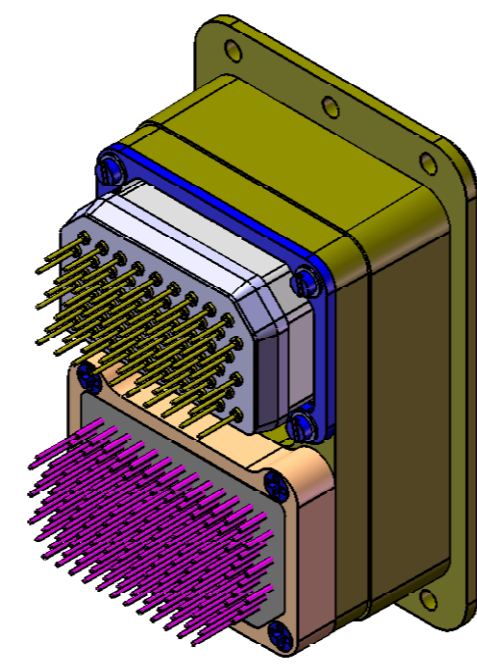
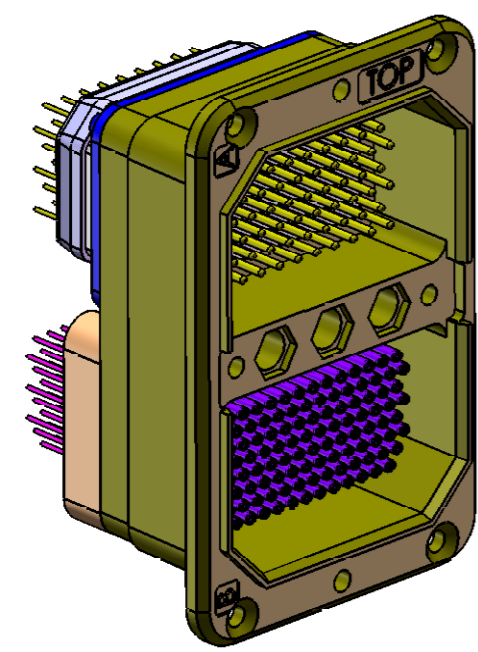
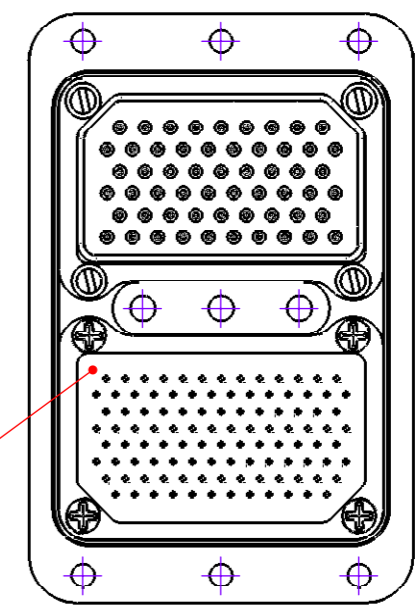
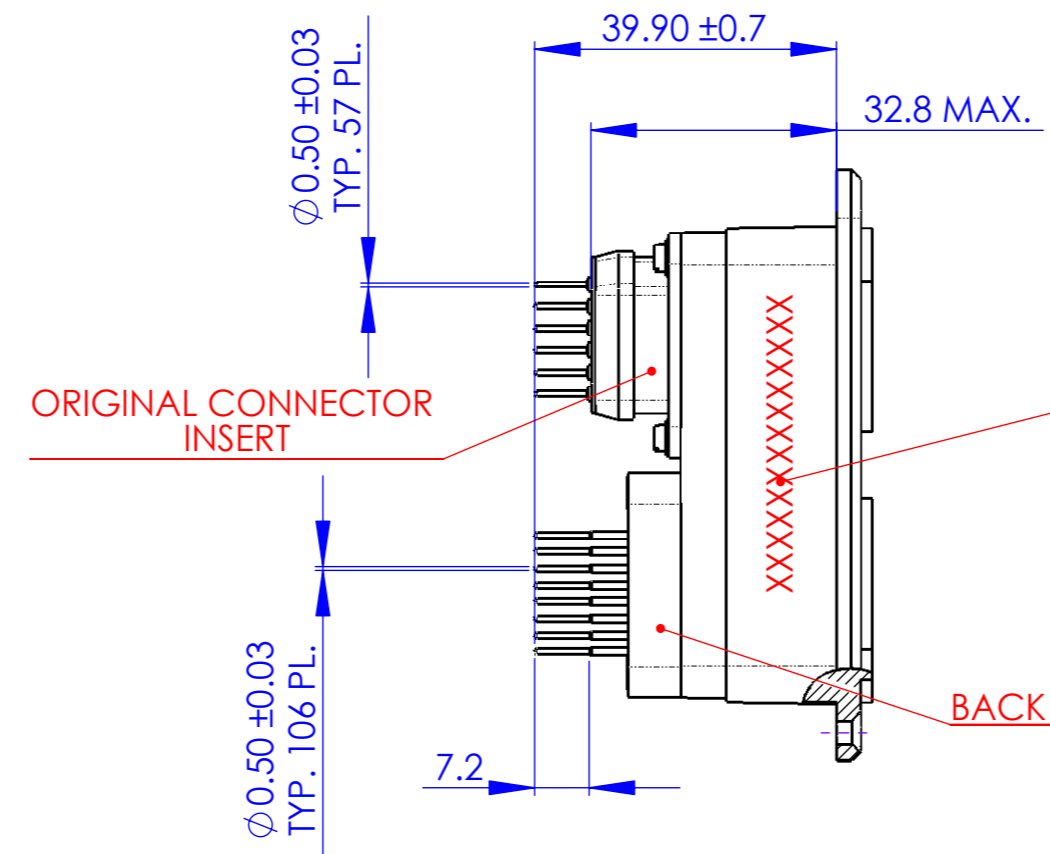
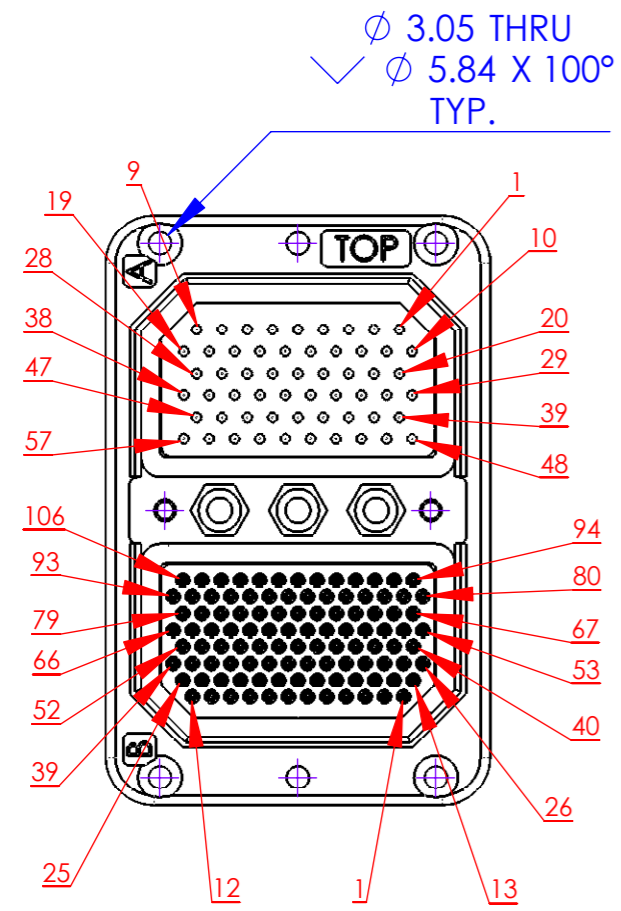


REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL



- NOTES:**
- CONNECTOR BASED ON M81659/35A2-0133 CONNECTOR UNLESS OTHERWISE SPECIFIED
  - ELOP P/N: 4534-2320-50
  - MARKING: CUSTOMER P/N, MANUFACTURER P/N, DATE CODE

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.	PROJECT		
YURI ZARHIN	MECHANIC. DESIGN	01.02.10			DO NOT MEASURE ON DWG. BREAK SHARP CORNERS. ALL UNDIMENSIONED RADIUS ARE R=0.2	...
YURI ZARHIN	DRAWING	01.02.10				
EYAL RONEN	ELECTR. DESIGN	01.02.10				
REGINA YOFFE	PA.	01.02.10				
NIR NISSIM	APPROVAL	01.02.10				
NEXT ASSY.	SURF. FINISH					
...	N7					

SURFACE TREATMENTS: ... MATERIAL

ANGLE PROJECTION	TOLER.	TITLE:
	X. ±0.5	CD FOR ARINC 404 (DPX) 106 SOCKET, 57 PIN FILTERED CONNECTOR
	X.X ±0.2	
	X.XX ±0.05	
SCALE N.A.	ANGLES ±30'	SIZE
		DRAWING NO.
DIM. IN MM	Sheet 1 OF 2	A3
		REV. NEW

**Filter characteristics – Cavity B** (Attenuation Measured per MIL-STD-220 in 50Ω System / No-Load)

Pin Group	Cavity B Contact	Filter Type	Cap. (nF) ±20%	Attenuation [dB] vs. Frequency [MHz]				
				1	10	100	500	1000
A	78, 79, 81, 95-98, 102, 103	PI	20	10	25	60	55	50
B	32-34, 51-54, 60-63, 80, 82, 83, 90, 91, 105, 106	PI	3.6	-	12	58	52	50
C	2, 3, 5, 6, 14, 15, 27-30, 44, 45, 72, 73, 75, 76	PI	0.44	-	1	17	45	37
D	1, 4, 7, 10, 13, 16, 20, 23, 25, 26, 31, 36, 39, 66, 71, 74, 77, 92-94, 104	CGND	N/A	N/A				
E	8, 9, 11, 12, 17-19, 21, 22, 24, 35, 37, 38, 40-43, 46-50, 55-59, 64, 65, 67-70, 84-89, 99-101	No Filter	0.02	N/A				

REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL

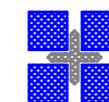
**Environmental Characteristics:**

Description	Value	Paragraph per Standard			
		ISO		MIL-STD	
		2100	7137	1344	202
Temperature	-55°C to +125°C Operating and Storage				
Humidity	Up to 95% @ Storage Temp. Range	18b		1002.2	
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, Yellow Cadmium Plating
Back Shell	Aluminum Alloy, Yellow Zinc Plating
Socket Contacts	Beryllium Copper, 1.3 µm Gold Plated Over Nickel
Pin Contacts	Copper Alloy, 1.3 µm Gold Plated Over Nickel
Potting	Epoxy Cast

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NEXT ASSY.	SURF. FINISH		SURFACE TREATMENTS:	MATERIAL
---	N7		----	----
ANGLE PROJECTION	TOLER.	TITLE:	CD FOR ARINC 404 (DPX) 106 SOCKET, 57 PIN FILTERED CONNECTOR	
	X. ±0.5 X.X ±0.2 X.XX ±0.05 ANGLES ±30'		SIZE	DRAWING NO.
SCALE N.A.			A3	AU001147
DIM. IN MM	Sheet 2 OF 2			REV. NEW



**RF Immunity Ltd.**