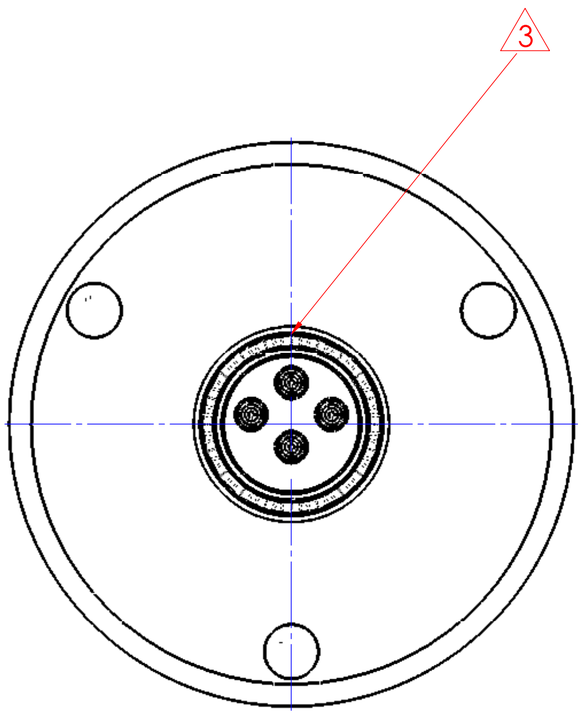
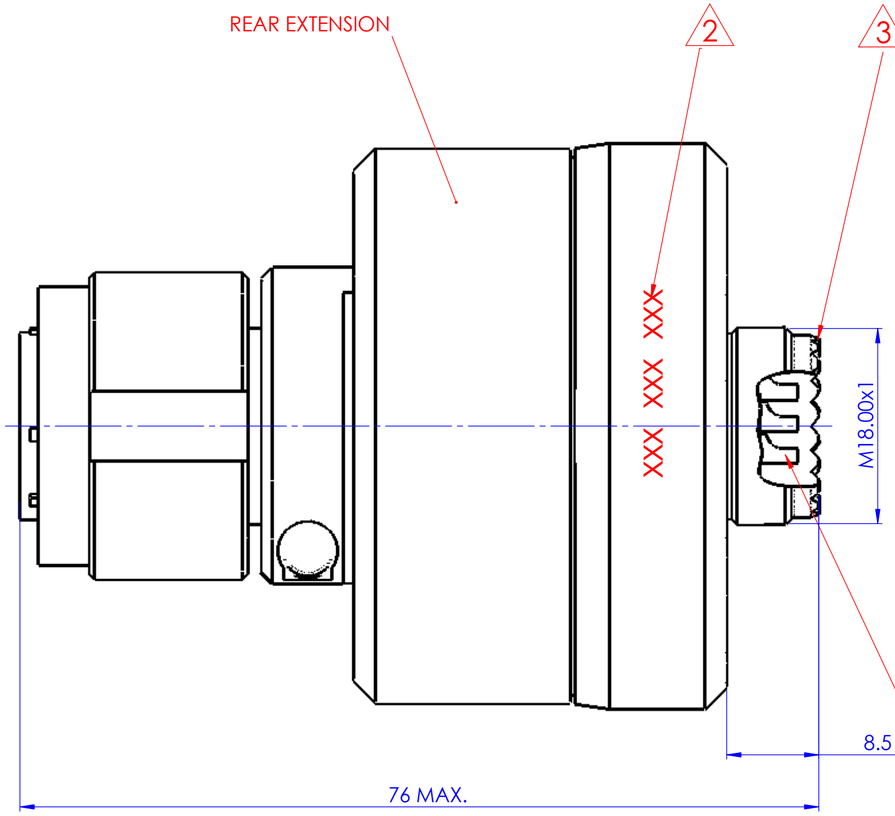
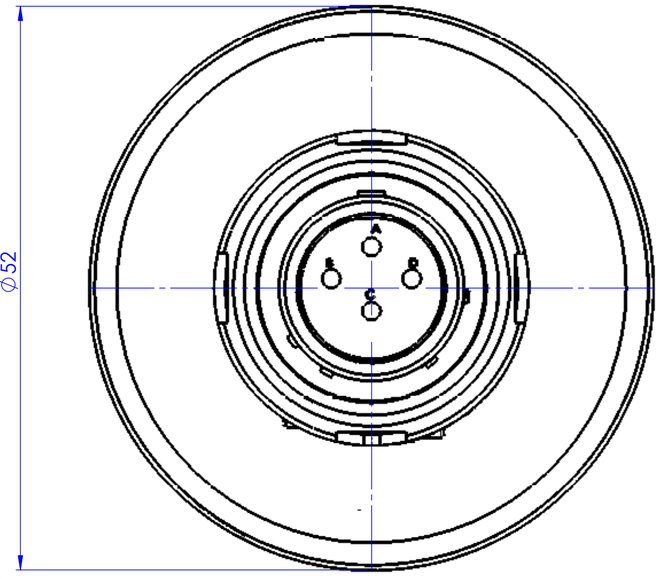
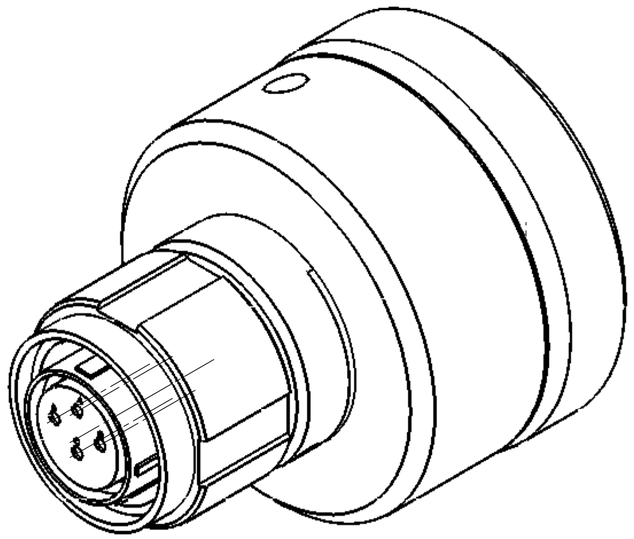
REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL









DRAFT

NOTES:

1. THE CONNECTOR BASED ON D38999/26FC04SN.
2. MARKING: MFR. P/N, & DATE CODE.
3. ACCESSORY TEEH INDICATED TO BE LOCATED ON VERTICAL CENTERLINE WITHIN ±9°.
4. WEIGHT:160 gr. APPROX.

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	19.12.12	DESIGN	
REGINA YOFFE	19.12.12	PA.	
YURI Z.	19.12.12	APPR.	

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

SURFACE TREATMENTS:	MATERIAL

ANGLE PROJECTION	TOLER.	TITLE
	X. ±0.5 X.X ±0.3 X.XX ±0.05 ANGLES ±30'	CD FOR D38999/III, PLUG, PROTECTED MIL-STD-704E, 4 CONT.

SCALE N.A.	SIZE	DRAWING NO.	REV.
DIM. IN MM	A2	AU001266	2
SHEET 1 OF 2			

RF Immunity The Filtered Connector Specialists

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

1. Pin out

+28Vdc	RTN	GND	TBD
A	B	C	D

2. Electrical Specifications:

- Max. Steady State Input Working Voltage: 29V (per MIL-STD-704E, Table II)
- Input Transient Voltage: +50V@50msec@20mΩ source impedance (per MIL-STD-704E)
  ±600Vpk@10usec (per MIL-STD-704A)
- Output Working Voltage: Vo=Vin - Vdropout
- Max. Output Working Voltage: 31.5V (per MIL-STD-704E, Figure 11, limits of 28V_{DC} overvoltage)
- Nominal Working Power: 380W
- Max Working Power: 400W
- Typ. Voltage Dropout (Input to Output): 1V@13A
- Power Dissipation: 13W max@13A
- Transient Power Dissipation: 230W@50msec
- Withstanding Inrush Current: 40Adc/100msec
- Shut Down: "0" Optional
- Insulation:
  - Input to Chassis: 1500Vdc@1sec
  - Output to Chassis: 1500Vdc@1sec
- Quiescent Current: 20mA@ Vin=24V
- Reverse Voltage Protection: 0 To (-36V) / Input Fuse no required
- Response Time: ton=20msec@Vin=0V to Vin=24V

Materials and Finishes:

Shell	Aluminum Alloy, Electroless Nickel Plating
Contacts	Copper Alloy, 1.3 µm MIN. Gold Plated Over Nickel
Solder Cups	Copper Alloy, Tin Plated over Nickel
Potting	Epoxy Cast / Silcon

Environmental Characteristics:

Description	Value	Paragraph per Standard			
		ISO		MIL-STD	
		2100	7137	1344	202
Sealing	Up to 5x10^{-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	48 hours	22		1001.1	101
Sand and Dust		23	12		110
Contact Endurance	More than 500 mating cycles	16			

DRAFT

NAME	SIGNATURE	DATE	
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EYAL RONEN		19.12.12	CHECK
NIR NISSIM		19.12.12	DESIGN
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NEXT ASSY. XXXXX | SURF. FINISH N7 | DO NOT MEASURE ON DWG. BREAK SHARP CORNERS. ALL UNDIMENSIONED RADIUS ARE R=0.5 | PROJECT --

SURFACE TREATMENTS: | MATERIAL

ANGLE PROJECTION | TOLER. X. ±0.5, X.X ±0.3, X.XX ±0.05, ANGLES ±30' | TITLE: CD FOR D38999/III, PLUG, PROTECTED MIL-STD-704E, 4 CONT.

SCALE N.A. | DIM. IN MM | SHEET 2 OF 2 | SIZE A2 | DRAWING NO. AU001266 | REV. 2

RF Immunity The Filtered Connector Specialists