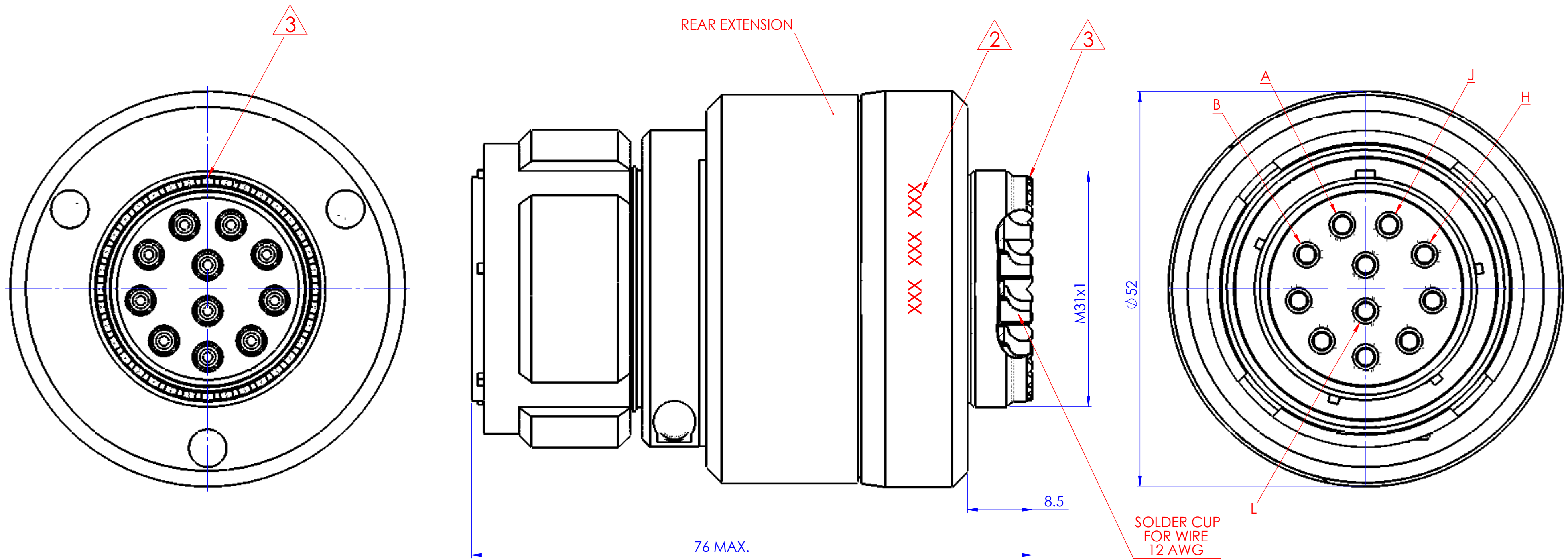
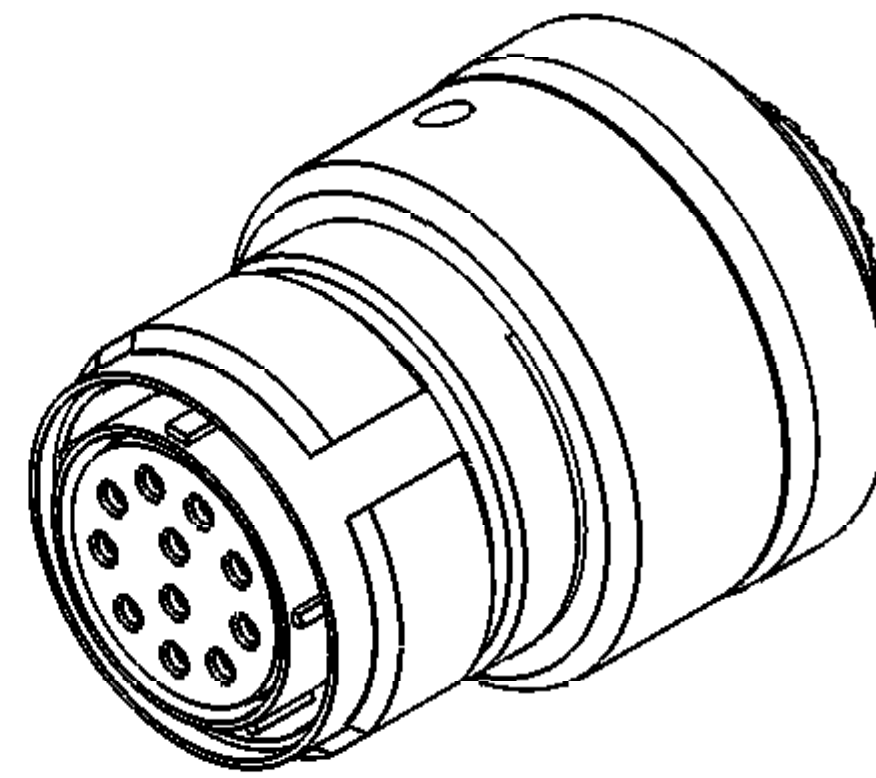


REV.	CHANGE ORDER No.	CHANGES	DATE	APPROVAL



DRAFT



NOTES:

1. THE CONNECTOR BASED ON D38999/26WG11SN.
2. MARKING: MFR. P/N, & DATE CODE.
3. ACCESSORY TEETH INDICATED TO BE LOCATED ON VERTICAL CENTERLINE WITHIN $\pm 5^\circ$.
4. WEIGHT: 220gr 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.	PROJECT		
NIR NISSIM		19.12.12	DRAFT			DO NOT MEASURE ON DWG. BREAK SHARP CORNERS. ALL UNDIMENSIONED RADIUS ARE R=0.5	..
EYAL RONEN		19.12.12	CHECK				
NIR NISSIM		19.12.12	DESIGN				
REGINA YOFFE		19.12.12	PA.				
YURI Z.		19.12.12	APPR.				
NEXT ASSY.	SURF. FINISH						
XXXX	N7						
SURFACE TREATMENTS:				MATERIAL			

ANGLE PROJECTION	TOLER.	TITLE	SIZE	DRAWING NO.	REV.
	X. ± 0.5 X.X ± 0.3 X.XX ± 0.05	CD FOR D38999/III, PLUG, PROTECTED MIL-STD-704E, 11 CONT.	A2	AU001265	2
SCALE N.A.	ANGLES $\pm 30^\circ$				
DIM. IN MM	SHEET OF 1 2				



1. Pin out

28Vdc			GND			TBD
A	C	K	B	D	L	All others

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: 460W
- Max Working Power: 510W
- Input to Output Voltage Dropout: 1V@15A
- Power Dissipation: 15W max@15A
- Transient Power Dissipation: 300W@50msec
- Withstanding Inrush Current: 60Adc/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

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

Materials and Finishes:

Connector	Aluminum Alloy, Olive Drab Cadmium plating
Contacts	Copper Alloy, Gold plated 1.3μ MIN. over Nickel
Solder Cups	Copper Alloy, Tin plated over Nickel
Potting	Epoxy Cast / Silicon

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		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	19.12.12	DRAFT		
EYAL RONEN	19.12.12	CHECK		
NIR NISSIM	19.12.12	DESIGN		
REGINA YOFFE	19.12.12	PA.		
YURI Z.	19.12.12	APPR.	DO NOT MEASURE ON DWG. BREAK SHARP CORNERS. ALL UNDIMENSIONED RADIUS ARE R=0.5	PROJECT ..
NEXT ASSY. XXXX	SURF. FINISH N7			
SURFACE TREATMENTS:			MATERIAL	
ANGLE PROJECTION	TOLER.	TITLE		
	X. ±0.5 X.X ±0.3 X.XX ±0.05	CD FOR D38999/III, PLUG, PROTECTED MIL-STD-704E, 11 CONT.		
SCALE N.A.	ANGLES ±30'	SIZE	DRAWING NO.	REV.
DIM. IN MM	SHEET OF 2 2	A2	AU001265	2