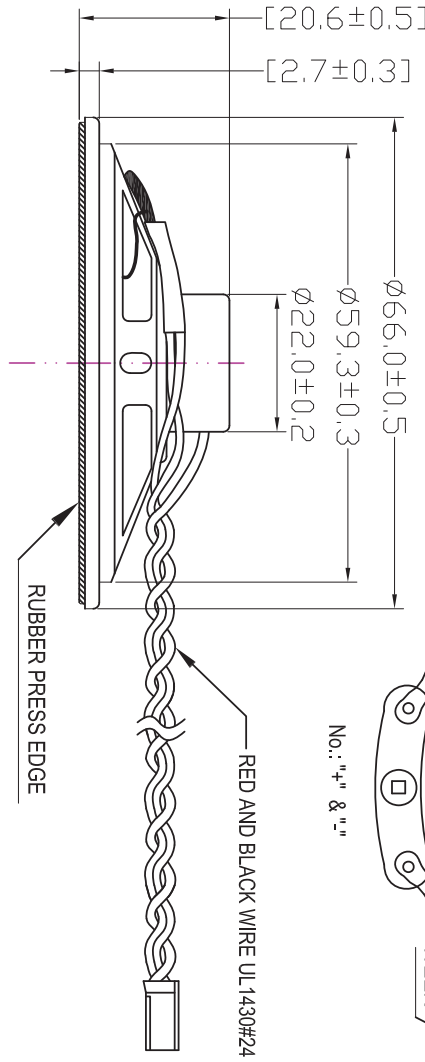
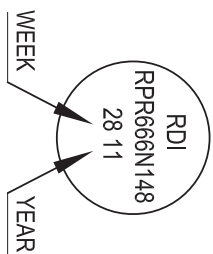
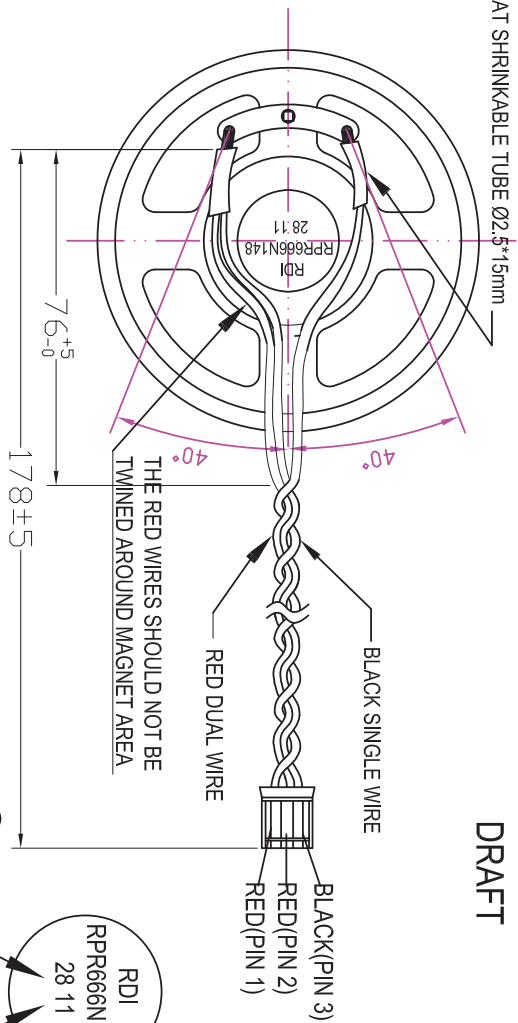


BLACK HEAT SHRINKABLE TUBE Ø2.5*15mm

DRAFT



No.	SPECIFICATION	LENGTH	COLOR	TOLERANCE	QTY
1	PH2.0-T	178mmX3	RED, RED, BLACK	± 5mm	3
2	PH2.0-3P				3

- NOTES:
1. WIRES ARE TWISTED TOGETHER UP TO THE POINT WHERE SEPARATION IS REQUIRED TO REACH SOLDER TABS ON SPEAKER
 2. SOLDER SPEAKER TERMINALS PER IPC STANDARDS
 3. HEAT SHRINK MUST COMPLETELY COVER SOLDER TAB AND TIP OF WIRE ON BOTH TERMINALS
 4. ALL DIMS ARE IN mm.
- ⚠ STAMPING FLATNESS SPEC: 0.50mm MAX.

NO.	ITEM	SPECIFICATION	TEST CONDITION
1	NOMINAL FREQUENCY	8 ± 1.2 OHMS	AT 1000Hz 1.0V
2	RESONANCE FREQUENCY	350 ± 70 Hz	WITHOUT Baffle 1.0V
3	OUTPUT S.P.L	88 ± 3 dB 0.5M / 1W	AT 800-1000 1200 1500 Hz
4	RATED INPUT POWER	0.3W	
5	MAX INPUT POWER	0.5W	
6	FREQUENCY RESPONSE	F-0-10KHz	OUTPUT S.P.L-10dB
7	BUZZES & RATTLES	SHOULD NOT BE AUDIBLE	AT 1.55V SINE WAVE BETWEEN 350Hz-3KHz
8	DISTORTION	5% MAX	RATED POWER INPUT 1000Hz
9	POLARITY	WHEN A POSITIVE D.C CURRENT IS APPLIED TO THE VOICE COIL TERMINAL MARKED +, THE DIAPHRAGM SHALL MOVE FORWARD	
10	FLUX DENSITY	—GAUSS	
11	MAGNET	SIZE:	

ECN#	DATE	SYM	REVISION RECORD
11-213	12/09/13	M	ADDED PAGE #2 TO DRAWING
11-048	04/07/11	L	ADD THE NOTE#5
09-006	02/02/09	K	ADD THE ANGLE OF THE SOLDER TAB
08-070	02/29/08	J	REVISED AS SHOWN
08-019	01/17/08	I	CHANGED THE WIRE HARNESS AND SOLDER TERMINAL LOCATION AS PER CUSTOMER'S REQUESTS
06-701	11/15/06	H	REVISED THE LABEL & BILL C REQUESTED TO ADD THE SPEC. ON 9/6/2007
06-573	08/24/06	G	REVISED RDIE TO RDI & ADDED No. "+" & "-"
06-221	03/30/06	F	REVISED P/N & ADDED NOTES & REMOVE "TNT" & REMOVE "+" & "-"
05-515	10/27/05	E	CHANGED THE PRINT. SEE VOID COPY
05-041	01/21/05	D	ADDED A NOTATION ON THE TOP OF THE MAGNET
04-881	12/20/04	C	REVISED PART NO.
01-352	12/07/01	B	REVISED CODED WIRE COLOR IN LOCATION
ECN#	DATE	SYM	REVISION RECORD

PROJECTION

SCALE NONE

TOLERANCE MILLIMETERS ±0.30

DEC. INCHES N/A

DEC. MILLIMETERS ±1°

RD1 Research Develop Innovate
RD1, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549

SPEAKER ASSEMBLY-ROHS COMPLIANT

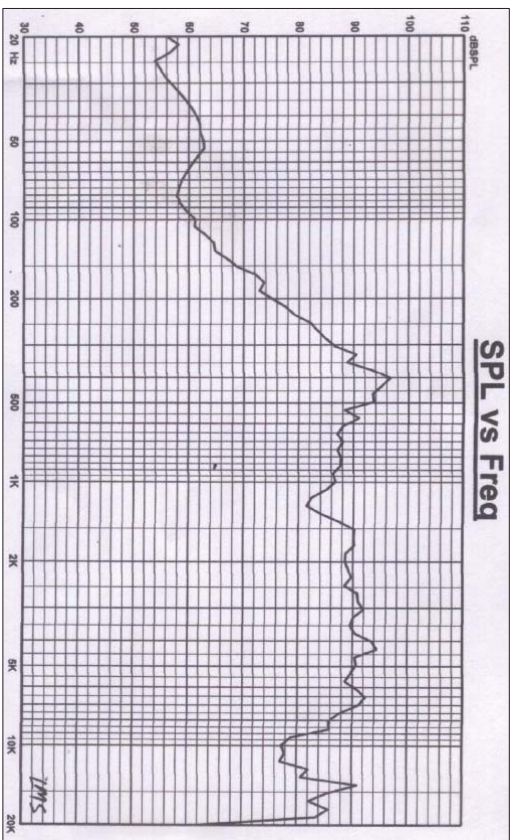
DR	SL	DATE	REF.	P/N	REV.	SHEET
CK	NL	8/27/01	P/N	RPR-666N-14-8-100dB-ASSY-NL	1	OF 2
	SP		DRAWING NO.	0507		

THIS DOCUMENT IS OWNED BY, AND THE INFORMATION CONTAINED IN IT IS PROPRIETARY TO, RD1. BY RECEIPT HEREOF THE HOLDER AGREES NOT TO USE THE INFORMATION AND NOT TO DISCLOSE IT TO ANY THIRD PARTY, NOR REPRODUCE THIS DOCUMENT WITHOUT THE WRITTEN CONSENT OF RD1, AND AGREES TO RETURN THIS DOCUMENT UPON REQUEST.

DRAFT

12	HIGH TEMPERATURE TEST	AFTER HAVING BEEN IN A TEST CHAMBER FOR 96 HOURS AT THE CONDITION OF 70±2°C 20-25% R.H AND THEN LEFT 2 HOURS IN A ROOM.SHOULD SATISFY THE DESCRIBED UNDER ITEM 02 AND 07
13	LOW TEMPERATURE TEST	AFTER HAVING BEEN IN A TEST CHAMBER FOR 96 HOURS AT THE CONDITION OF -30°C±3°C AND THEN LEFT 2 HOURS IN A ROOM.SHOULD SATISFY THE DESCRIBED UNDER ITEM 02 AND 07
14	HUMIDITY TEST	AFTER HAVING BEEN IN A TEST CHAMBER FOR 96 HOURS AT THE CONDITION OF 40±2°C 90-95% R.H AND THEN LEFT 4 HOURS IN A ROOM.SHOULD SATISFY THE DESCRIBED UNDER ITEM 02 AND 07
15	LOAD TEST	AT 0.3W PINK NOISE IS APPLIED FOR 96 HOURS AND THEN SHOULD SATISFY THE DESCRIBED UNDER ITEM 02 AND 07
16	DROP TEST	DROP THE SPEAKERS CONTAINED IN NORMAL BOX ONTO A BOARD 5mm THICK 2 TIMES FROM A HEIGHT OF 1.0m AND THEN SHOULD SATISFY THE DESCRIBED UNDER ITEM 01 AND 07
17	OPERATING TEMPERATURE	-40°C TO +85°C
18	STORAGE TEMPERATURE	-30°C TO +70°C
19	STORAGE TIME	STORAGE FOR 6 MONTHS

NO.	COMPONENT	MATERIAL	QTY	FINISH
1	FRAME	IRON	1	Color zinc plating Cr ³⁺
2	MAGNET	DfFeB	1	NA
3	PLATE	IRON	1	Color zinc plating Cr ³⁺
4	DIAPHRAGM	Mylar	1	Transparent
5	VOICE COIL	COPPER(SD1.08MM)	1	NA
6	TERMINAL BLOCK	CU PLATING	1	CONNECTOR
7	GASKET	PAPER ROSH	1	BLACK
9	LEAD WIRE	COPPER	1	BRASSINESS
10	DUST CAP	Mylar	1	Transparent
11	WIRE HARNESS	UL1430#24 RoHS compliant	1	BLACK&RED
12	SOLDER	TIN	1	LEAD FREE
13	GLUE(DAMPER)	1600H	1	YELLOW
14	GLUE (DOWN-LEAD)	FC-900B	1	BLACK



11-213	12/09/13	M	ADDED PAGE #2 TO DRAWING
11-048	04/07/11	L	ADD THE NOTE#5
09-006	02/02/09	K	ADD THE ANGLE OF THE SOLDER TAB
08-070	02/29/08	J	REVISED AS SHOWN
08-019	01/17/08	I	CHANGED THE WIRE HARNESS AND SOLDER TERMINAL LOCATION AS PER CUSTOMER'S REQUESTS
06-701	11/15/06	H	REVISED THE LABEL&BILL C REQUESTED TO ADD THE SPEC ON 9/6/2007
06-573	08/24/06	G	REVISED RDIE TO RDI & ADDED No.'+&' & '-&'
06-221	03/30/06	F	REVISED P/N&ADDED NOTES&REMOVE 'TNT&REMOVE '+&'&'&'
05-515	10/27/05	E	CHANGED THE PRINT. SEE VOID COPY
05-041	01/21/05	D	ADDED A NOTATION ON THE TOP OF THE MAGNET
04-881	12/20/04	C	REVISED PART NO.
01-352	12/07/01	B	REVISED CODED WIRE COLOR IN LOCATION
ECN#	DATE	SYM	REVISION RECORD



RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549

SCALE	NONE						
TOLERANCE	EXCEPT AS NOTED						
DEC. INCHES	N/A						
DEC. MILLIMETERS	±0.30						
ANG.	±1°						
DR	SL	DATE	8/27/01	REF.	P/N: RPR-666N-14-8-100dB-ASSY-NL	SHEET	2 OF 2
CK	NL	PRE-	SP	DRAWING NO.	0507	REV.	M

THIS DOCUMENT IS OWNED BY, AND THE INFORMATION CONTAINED IN IT IS PROPRIETARY TO, RDI. BY RECEIPT HEREOF THE HOLDER AGREES NOT TO USE THE INFORMATION AND NOT TO DISCLOSE IT TO ANY THIRD PARTY, NOR REPRODUCE THIS DOCUMENT WITHOUT THE WRITTEN CONSENT OF RDI, AND AGREES TO RETURN THIS DOCUMENT FORTHWITH UPON REQUEST.