

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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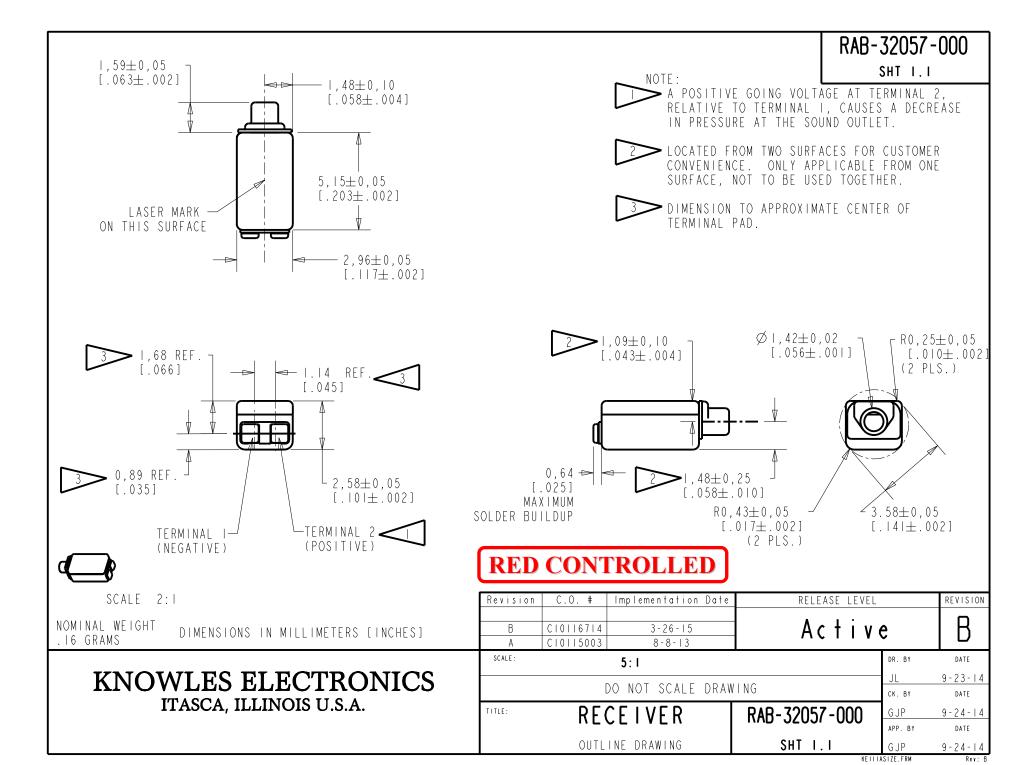
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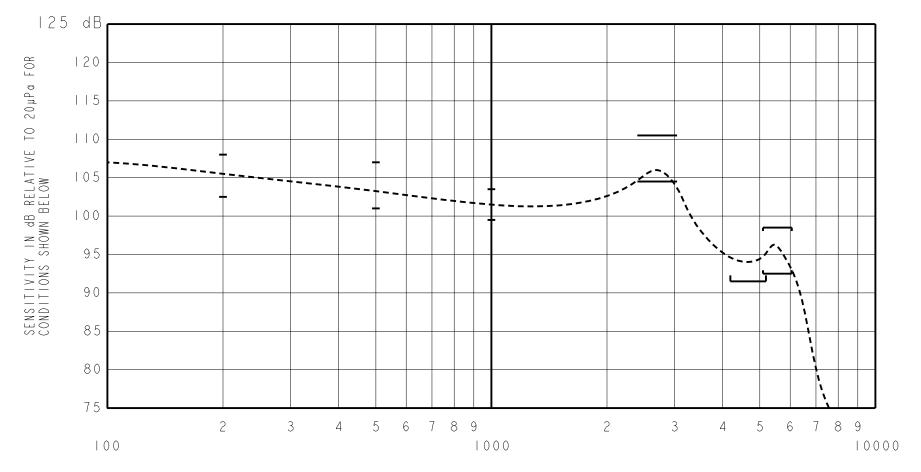












FREQUENCY IN HERTZ

ACOUSTICAL

SENSITIVITY
DEVICE WILL PRODUCE THE SPL LISTED BELOW WITH THE TEST
CONDITIONS DESCRIBED IN TABLE 3. NOMINAL SENSITIVITY
AT I kHz IS dB RELATIVE TO 20µPa. ALL OTHER VALUES IN
dB RELATIVE TO THE SENSITIVITY AT I kHz.

LIMIT TYPE	FREQUENCY (Hz)	MINIMUM	NOMINAL	MAXIMUM
REL	200	+ . 0	+4.0	+7.0
REL	500	-0.5	+2.0	+5.5
REF	1000	-2.0	101.5	+2.0
PEAK I	2450-3050	+ 3 . 0	+4.5	+9.0
VALLEY	4200-5200	-10.0		
PEAK 2	5100-6100	-8.0	-5.0	-2.0

TABLE I.

TOTAL HARMONIC DISTORTION
DEVICE WILL NOT EXCEED TOTAL HARMONIC DISTORTION LEVELS
LISTED BELOW.

FREQUENCY (Hz)	DRIVE (Vrms)	LIMIT (%)
1/3 PEAKI (TYP. 917)	0.180	3
1/2 PEAKI (TYP. 1375)	0.180	3
1/3 PEAKI (TYP. 917)	0.507	8
1/2 PEAKI (TYP. 1375)	0.507	8

TABLE 2.

TEST CONDITIONS

NOMINAL SOURCE VOLTAGE	0.180 Vrms
SOURCE IMPEDANCE	< Ι Ω
TUBING	10 mm (.394) LONG, 1 mm (.039) ID.
COUPLER CAVITY	2 CC SIMULATED ANSI S3.7 TYPE HA-3,(IEC 60318-5)

TABLE 3.

ELECTRICAL

DC RESISTANCE	65 <u>Q</u> ±10%
IMPEDANCE @ 500 Hz	90 Ω ±15%
IMPEDANCE @ I kHz	40 Ω ± 5%
INDUCTANCE @ 500 Hz	19 8 mH TYPICAL

TABLE 4.

ISOLATION: THE CASE WILL BE ELECTRICALLY ISOLATED FROM THE COIL CIRCUIT

MECHANICAL

PORT LOCATION: 12S

SOLDER TYPE: ROHS COMPLIANT

SAC305

TEMPERATURE

OPERATING: SENSITIVITY WILL NOT VARY MORE THAN

+1/-3 dB FROM 0°C TO 63°C

STORAGE: -40°C TO 63°C

RED CONTROLLED

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
				C
В	C10116714	3 - 26 - 15	l Active I	l K
А	C10115003	8-8-13		

WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION

TILLE: RECEIVER RAB-32057-000

PERFORMANCE SPECIFICATION SHT 2.1

JL 9-23-14

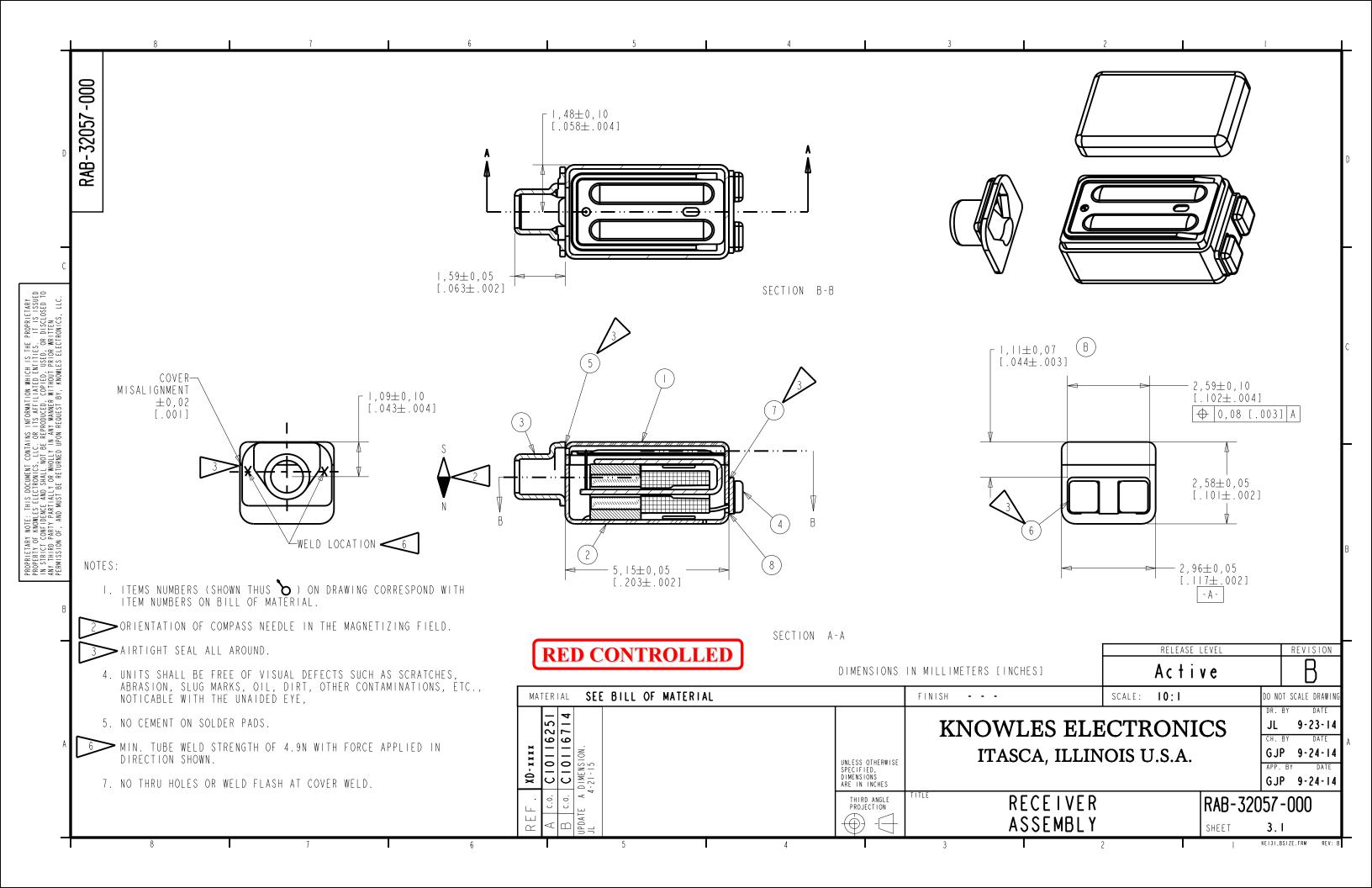
CK. BY DATE

APP. BY DATE

GJP 9-24-14

DATE

KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.



	RAB-32057-000		KNOWLES ELECTRONICS		RAB-32057		00
	Sheet 4.1		ITASCA, ILLINOIS U.S.A.		Sheet 4	١.١	
	By Date Dr. JL 9-23-14 Ch. GJP 9-24-14 App. GJP 9-24-14	Subje	RECEIVER ASSEMBLY	B	Release Le Activ		
	COL. I	2	3		4	No.	No.
	Part or Dwg. no.	Tot. Req.	Nomenclature:		Applicable Specs or Remarks	l tem	Line
_	RAB-1006	1	DIAPHRAGM & COVER ASSEMBLY			I	
(B)	RAB-1030-004	1	MOTOR & CUP ASSEMBLY			2	2
	FC-006	1	TUBE			3	3
	285-007-001	A/R	SOLDER			4	4
	13-825-3145	A/R	CEMENT			5	5
	13-825-3 53	A/R	CEMENT			6	6
	13-825-3160	A/R	CEMENT			7	7
(B)	3 - 3	1	TAB			8	8

RED CONTROLLED

REVISION
A c.o. CIOII6251
B c.o. CIOII6714
RAB-1030-004 WAS
RAB-1031-004 WAS
II3-113 WAS 113-083.
JL 4-21-15

RAB-32057-000 Sheet 4.1

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PRODUCTION TEST INFORMATION

SOFTWARE REVISION PXI FCAAT	SOFTWARE 2.60 MIN.
HARDWARE REVISION PXI FCAAT	KE 1065E.006 MIN.
FCAAT COUPLER	T8049
FCAAT TEST BOARD	T10736

<u>PHASE</u>

FREQUEN	VC Y	AC DRIVE DEGREE LIMIT		MIT
(Hz)		(Vrms)	MIN.	MAX.
500		0.180	0	90

<u>BUZZ</u>

FREQUENCY	AC DRIVE		FREQUENCY RANGE	
(Hz)	(Vrms)	(DC mA)	(Hz)	(dB SPL)
200	0.507	0	3550-6750	63

RED CONTROLLED

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
В	C10116714	3 - 26 - 15	l Active	I K
А	C10115003	8 - 8 - 1 3		

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 JL
 9-23-14

 ck. BY
 DATE

 GJP
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 APP. BY
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TITLE:	RECEIVER	RAB-32057-000
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