

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!



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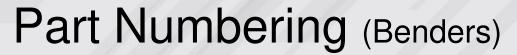
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AB -

A1 A2 B1 B2 C D

A1,A2) Bender Diameter

B1,B2) Resonant Frequency

- C) Brass, Alloy, Stainless steel
- D) Special Identifier (OPTIONAL) LW(C): Wire length with or without connector, -R for RoHS compliance (does not apply to raw benders)

Ex. AB2072S

AB-3024B-LWC50-R





# Part Numbering (Transducers & Indicators)

A B C1 C2 D1 D2 E F G

- A) Audio, SM (surface mount)
- B) <u>I</u>ndicator, <u>T</u>ransducer
- C1,C2) Diameter or largest dimension
- D1,D2) Frequency in KHz
- E) Top, Side firing
- F) Washable (OPTIONAL)
- G) Thru-hole, Flange, Panel
- H) Special Connections (OPTIONAL) -LW(C): Wire length with or without connector, -WP for water proof, -R for RoHS compliance.
- Ex. AI-1224-TWT-R, SMT-1141-T-R, AI-2240-TF-LWC50-R,





# Part Numbering (High Output Indicators)

A B C1 C2 D1 D2 E F G

#### Stipulations for indicators:

- A) Audio
- B) Indicator

AI = SPL up to and including 105dBA

### Sometimes replaced with:

X = SPL between 106 and 115

XL = SPL 116 and above

Ex: X-4228-TF-LW390-R, XL-2835-TF-LW150-R





# Part Numbering (Sirens)

A\_\_ \_ - \_ \_ \_ \_ - \_\_

A1 A2 B1 B2 C D E

A1,A2) Visual Warning or Warning

B1,B2) Product Series

- C) Mount type; Flange, Panel, Short Base
- D) Color; Red, White
- E) Special Identifier (OPTIONAL) LW(C): Wire length with or without connector, NSVC: No Switch or Volume Control, -R for RoHS compliance

Ex. AVW-10SBR-R

AW-15SBW



# Part Numbering (Speakers & Receivers)

A B C1 C2 C3 D1 D2 E F G

- A) Audio, Surface Mount, Audio Speaker Transducer
- B) Speaker, Receiver
- C1,C2,C3) Diameter or largest Dimension
- D1,D2) Impedance (04, 08, 16, 32, 64, C0)
- E) Paper, Mylar, etc
- F) Round, Square, Oval, Pinwheel
- G) Special Identifier (OPTIONAL) -LW(C): Wire length with or without connector, -WR for water resistance, -R for RoHS compliance
- Ex. AS05008MS-R, AS05708MS-LW305-R, AS03504PR-WR-R





# Part Numbering (Microphones)

\_\_\_\_\_M--\_\_\_\_---\_\_---\_\_---A B C1 C2 D1 D2 E F

A) Family (By Diameter) A: 9mm and above, D: 8mm, L: 7 mm, P: 6mm,

R: 5mm, T: 4mm, V: 3mm, X: 2mm, Z:1mm

B) Omni, Uni, Noise

C1,C2) Height

D1,D2) Sensitivity

- E) Pin, L-Solder Pad, Solderless
- F) Specials (OPTIONAL) (-NF: No Felt, -LW(C): Wire length with or without connector, -C33, -C10, -C3310: Internal capacitance, -R for RoHS compliance..

Ex. POM-2240L-R,

AOM-5652L-LWC100-R, POM-2044P-C33-R