



# 美台磁材有限公司

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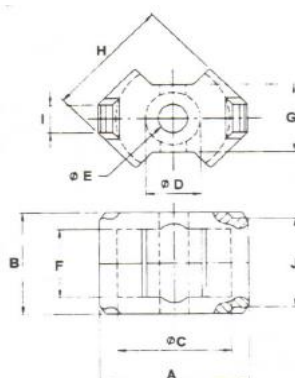
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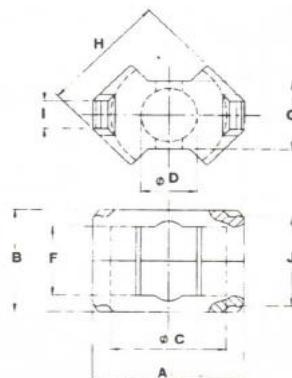
<http://www.aandt.com.tw>

<http://www.taiwantrade.com.tw/aandt>

## RM CORES



RM TYPE  
(WITH CENTER HOLE)



RM SOLID  
LOW PROFILE TYPE

◎MAIN MATERIALS:  $\mu$  iac 2000,  $\mu$  iac 5000,  $\mu$  iac 7500,  $\mu$  iac 10000

◎DIMENSIONS AND EFFECTIVE PARAMETER

| PART NO.       | DIMENSIONS(mm) |             |             |             |           |             |             |             |           |             | EFFECTIVE PARAMETERS |                             |                             | $A_w$<br>(cm <sup>2</sup> ) | $A_L$ (nH)<br>+30 %<br>-20 % |                   |                   |                            |
|----------------|----------------|-------------|-------------|-------------|-----------|-------------|-------------|-------------|-----------|-------------|----------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------|-------------------|----------------------------|
|                | A              | B           | C           | D           | E         | F           | G           | H           | I         | J           | $l_e$<br>(mm)        | $A_e$<br>(mm <sup>2</sup> ) | $V_e$<br>(mm <sup>3</sup> ) |                             | $\mu$ iac<br>2000            | $\mu$ iac<br>5000 | $\mu$ iac<br>7500 | $\mu$ iac<br>10000<br>±30% |
| RM 4           | 10.60~11.00    | 10.30~10.50 | 7.95~8.35   | 3.70~3.90   | 2.00~2.10 | 7.00~7.40   | 4.40~4.60   | 9.50~9.80   | 2.50~2.70 | 8.75~9.25   | 21.00                | 11.00                       | 232                         |                             | 900                          | 1700              |                   |                            |
| RM 4<br>SOLID  | 10.60~11.00    | 10.30~10.50 | 7.95~8.35   | 3.70~3.90   |           | 7.00~7.40   | 4.40~4.60   | 9.50~9.80   | 2.50~2.70 | 8.75~9.25   | 22.00                | 13.00                       | 286                         | 11.30                       | 850                          | 1900              | 2800              | 3700                       |
| RM 5           | 14.00~14.60    | 10.30~10.50 | 10.20~10.60 | 4.70~4.90   | 2.00~2.10 | 8.30~8.70   | 6.40~6.80   | 11.80~12.30 | 2.50~2.70 | 8.75~9.25   | 20.80                | 20.80                       | 430                         | 15.00                       | 1837                         | 3170              | 5200              | 6000                       |
| RM 5<br>SOLID  | 14.00~14.60    | 10.30~10.50 | 10.20~10.60 | 4.70~4.90   |           | 8.30~8.70   | 6.40~6.80   | 11.80~12.30 | 2.50~2.70 | 8.75~9.25   | 22.10                | 23.80                       | 526                         | 18.00                       | 1570                         | 3840              | 5200              | 6700                       |
| RM 6           | 17.30~17.90    | 12.30~12.50 | 12.40~12.90 | 6.10~6.40   | 2.80~3.00 | 8.00~8.40   | 7.80~8.20   | 14.10~14.70 | 2.80~2.90 | 10.10~10.58 | 27.00                | 31.00                       | 840                         |                             | 2000                         | 4625              | 6200              | 8500                       |
| RM 6<br>SOLID  | 17.30~17.90    | 12.30~12.50 | 12.40~12.90 | 6.10~6.40   |           | 8.00~8.40   | 7.80~8.20   | 14.10~14.70 | 2.80~2.90 | 10.10~10.58 | 29.00                | 37.00                       | 1090                        | 31.00                       | 2000                         | 4300              | 6200              | 8500                       |
| RM 6<br>LOW    | 17.30~17.90    | 8.80~9.60   | 12.40~12.90 | 6.10~6.40   |           | 4.50~4.90   | 7.80~8.20   | 14.10~14.70 | 2.80~2.90 | 6.60~7.08   | 21.80                | 37.50                       | 820                         | 31.20                       | 2500                         | 5500              | 6600              | 10500                      |
| RM 7           | 19.50~20.30    | 13.30~13.50 | 14.75~15.35 | 6.95~7.24   | 2.94~3.12 | 8.50~8.90   |             | 16.50~17.20 | 3.20~3.60 | 11.06~11.54 | 29.80                | 40.00                       | 1200                        |                             | 2860                         | 4690              |                   |                            |
| RM 7<br>SOLID  | 19.50~20.30    | 13.30~13.50 | 14.75~15.35 | 6.95~7.24   |           | 8.50~8.90   |             | 16.50~17.20 | 3.20~3.60 | 11.06~11.54 | 30.40                | 43.00                       | 1340                        | 39.00                       | 2370                         | 5000              | 7000              | 10000                      |
| RM 8           | 22.30~23.20    | 16.30~16.50 | 17.00~17.70 | 8.25~8.55   | 4.40~4.60 | 10.80~11.20 | 10.50~11.00 | 18.90~19.70 | 4.30~5.10 | 14.06~14.54 | 35.50                | 52.00                       | 1850                        |                             | 2500                         | 5625              |                   |                            |
| RM 8<br>SOLID  | 22.30~23.20    | 16.30~16.50 | 17.00~17.70 | 8.25~8.55   |           | 10.80~11.20 | 10.50~11.00 | 18.90~19.70 | 4.30~5.10 | 14.06~14.54 | 38.00                | 64.00                       | 2430                        | 55.00                       | 2905                         | 6000              | 8375              | 12500                      |
| RM 8<br>LOW    | 22.30~23.20    | 11.40~11.60 | 17.00~17.70 | 8.25~8.55   |           | 5.90~6.30   | 10.50~11.00 | 18.90~19.70 | 4.30~5.10 | 9.16~9.64   | 28.70                | 64.90                       | 1860                        | 55.40                       | 3600                         | 7050              |                   | 15000                      |
| RM 10          | 27.20~28.40    | 18.50~18.70 | 21.20~22.10 | 10.50~10.90 | 5.40~5.60 | 12.40~13.00 | 13.00~13.50 | 23.60~24.70 | 5.00~5.20 | 15.96~16.44 | 42.00                | 83.00                       | 3470                        |                             | 3960                         | 8060              |                   |                            |
| RM 10<br>SOLID | 27.20~28.40    | 18.50~18.70 | 21.20~22.10 | 10.50~10.90 |           | 12.40~13.00 | 13.00~13.50 | 23.60~24.70 | 5.00~5.20 | 15.96~16.44 | 44.00                | 98.00                       | 4310                        | 90.00                       | 3800                         | 7875              | 11000             | 16000                      |
| RM 10<br>LOW   | 27.20~28.40    | 12.80~13.00 | 21.20~22.10 | 10.50~10.90 |           | 6.70~7.10   | 13.00~13.50 | 23.60~24.70 | 5.00~5.20 | 10.26~10.74 | 33.90                | 99.10                       | 3360                        | 93.30                       | 4700                         | 10500             |                   | 19500                      |
| RM 12<br>SOLID | 36.10~37.40    | 24.30~24.60 | 25.00~25.00 | 12.40~12.80 |           | 16.80~17.70 | 15.60~16.10 | 27.70~28.80 | 4.90~5.10 | 21.40~21.98 | 56.50                | 125.00                      | 8340                        | 146.00                      | 4000                         | 8400              | 12800             |                            |
| RM 12<br>LOW   | 36.10~37.40    | 16.60~16.80 | 25.00~25.00 | 12.40~12.80 |           | 9.90~9.90   | 15.60~16.10 | 27.70~28.80 | 4.90~5.10 | 13.56~14.04 | 42.00                | 147.50                      | 6195                        | 124.70                      | 6000                         | 12750             |                   | 23800                      |
| RM 14<br>SOLID | 40.80~42.40    | 30.00~30.20 | 29.00~30.20 | 14.50~15.00 |           | 20.80~21.40 | 18.40~19.00 | 33.50~34.70 | 5.60~5.80 | 26.80~27.28 | 44.00                | 98.00                       | 4310                        | 90.00                       | 5400                         |                   |                   |                            |
| RM 14<br>LOW   | 40.80~42.40    | 20.30~20.50 | 29.00~30.20 | 14.50~15.00 |           | 11.10~11.70 | 18.40~19.00 | 33.50~34.70 | 5.60~5.80 | 17.06~17.54 | 50.90                | 201.00                      | 10230                       | 170.00                      | 6710                         | 14275             |                   | 26640                      |