

DATA SHEET

Multihole cores EMI-suppression products

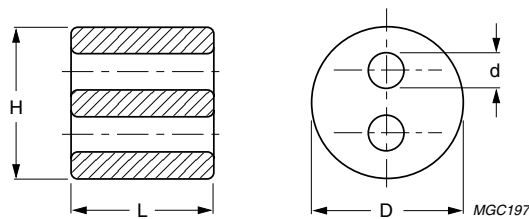
Supersedes data of September 2004

2008 Sep 01

MULTIHOLE CORES

Table 1 MHC2 grades, parameters and type numbers

| GRADE | DIMENSIONS (mm) | | | TYPE NUMBER |
|-------|-----------------|-----------|---------|-----------------|
| | D | d | L | |
| 4B1 | 5.6 ±0.15 | 1.5 ±0.15 | 12 ±0.2 | MHC2-5.6/12-4B1 |
| | 6.6 -0.6 | 1.05 +0.3 | 5 ±0.2 | MHC2-6.6/5-4B1 |

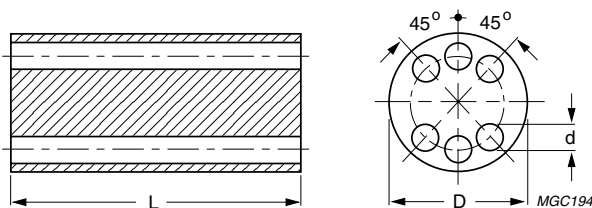


For dimensions see Table 1.

Fig.1 Multihole core circular (MHC2).

Table 2 MHC6 grades, parameters and type numbers

| GRADE | DIMENSIONS (mm) | | | TYPE NUMBER |
|-------|-----------------|----------|---------|---------------|
| | D | d | L | |
| 3S4 | 6 ±0.3 | 0.7 +0.2 | 10 ±0.5 | MHC6-6/10-3S4 |
| 4B1 | 6 ±0.3 | 0.7 +0.2 | 10 ±0.5 | MHC6-6/10-4B1 |
| | 6 ±0.3 | 0.7 +0.2 | 5 -0.2 | MHC6-6/5-4B1 |



For dimensions see Table 2.

Fig.2 Multihole core circular (MHC6).

Table 3 MHB2 grades, parameters and type numbers

| GRADE | DIMENSIONS (mm) | | | | TYPE NUMBER |
|-------|-----------------|----------|----------|----------|-----------------------------------|
| | D | d | L | H | |
| 4B1 | 8.5 – 0.5 | 3.5 +0.5 | 8 ± 0.3 | 14 ± 0.5 | MHB2-14/8.5/8-4B1 ^{sup} |
| | 8.5 – 0.5 | 3.5 +0.5 | 14 ± 0.4 | 14 ± 0.5 | MHB2-14/8.5/14-4B1 ^{sup} |
| | 8.0 ± 0.3 | 3 ± 0.3 | 6 ± 0.3 | 13 ± 0.3 | MHB2-13/8/6-4B1 ⁽¹⁾ |
| 3C90 | 8.0 ± 0.3 | 3 ± 0.3 | 6 ± 0.3 | 13 ± 0.3 | MHB2-13/8/6-3C90 ⁽¹⁾ |

Note

1. Chamfered holes and sides.

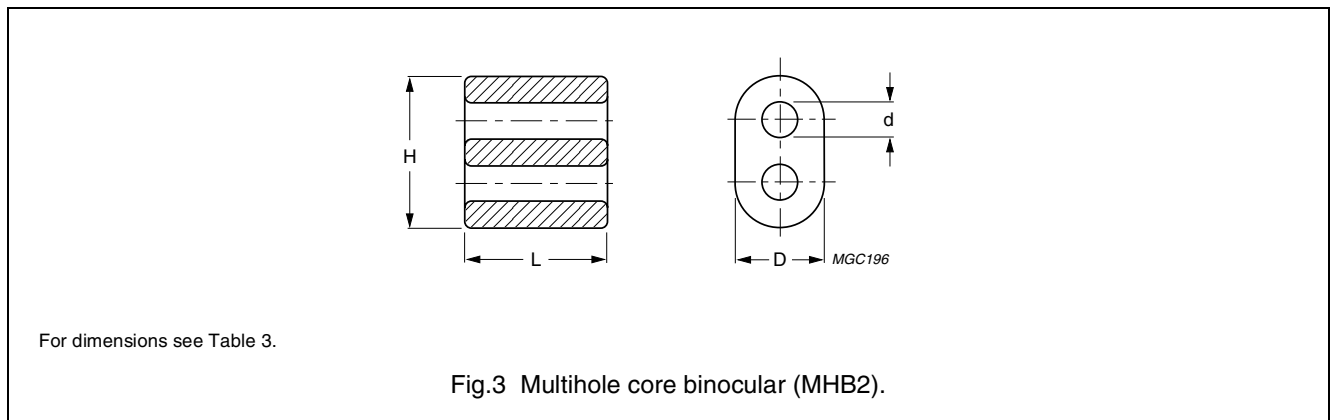
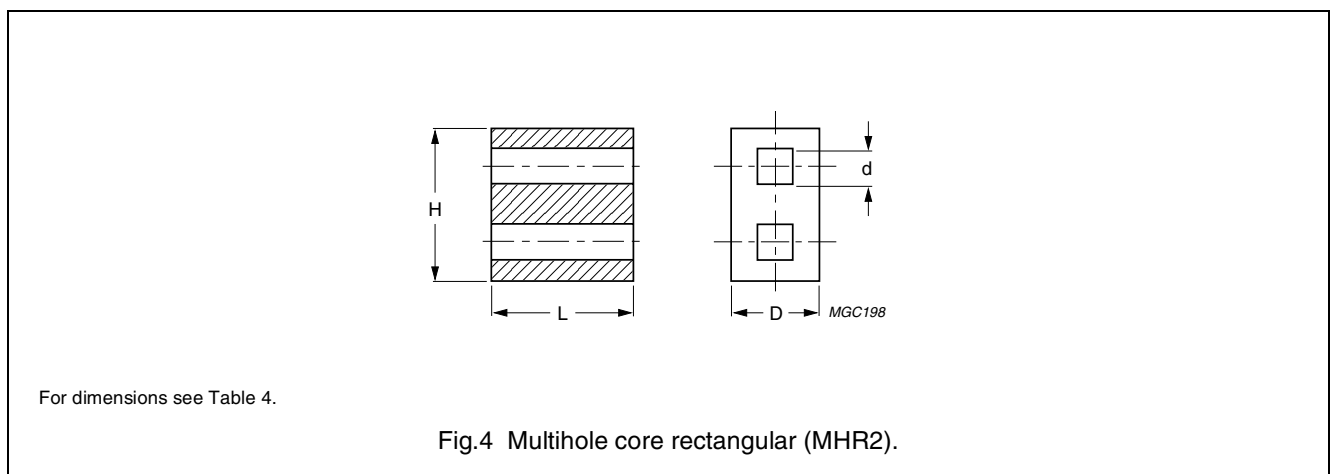


Table 4 MHR2 grades, parameters and type numbers

| GRADE | DIMENSIONS (mm) | | | | TYPE NUMBER |
|-------|-----------------|-----------|------------|------------|---------------------|
| | D | d | L | H | |
| 4A11 | 5.4 ± 0.3 | 2.0 ± 0.3 | 10.9 ± 0.4 | 10.8 ± 0.3 | MHR2-11/5.4/11-4A11 |
| 3C90 | 5.4 ± 0.3 | 2.0 ± 0.3 | 10.9 ± 0.4 | 10.8 ± 0.3 | MHR2-11/5.4/11-3C90 |

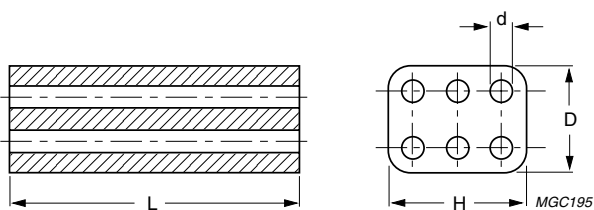


EMI-suppression products

Multihole cores

Table 5 MHR6 grades, parameters and type numbers

| GRADE | DIMENSIONS (mm) | | | | TYPE NUMBER |
|-------|-----------------|----------|---------|----------|-------------------|
| | D | d | L | H | |
| 3B1 | 4 ±0.2 | 0.7 +0.3 | 10 ±0.5 | 6.1 ±0.3 | MHR6-6.1/4/10-3B1 |



For dimensions see Table 5.

Fig.5 Multihole core rectangular (MHR6).

EMI-suppression products

Multihole cores




DATA SHEET STATUS DEFINITIONS

| DATA SHEET STATUS | PRODUCT STATUS | DEFINITIONS |
|---------------------------|----------------|--|
| Preliminary specification | Development | This data sheet contains preliminary data. Ferroxcube reserves the right to make changes at any time without notice in order to improve design and supply the best possible product. |
| Product specification | Production | This data sheet contains final specifications. Ferroxcube reserves the right to make changes at any time without notice in order to improve design and supply the best possible product. |

DISCLAIMER

Life support applications — These products are not designed for use in life support appliances, devices, or systems where malfunction of these products can reasonably be expected to result in personal injury. Ferroxcube customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify Ferroxcube for any damages resulting from such application.

PRODUCT STATUS DEFINITIONS

| STATUS | INDICATION | DEFINITION |
|------------------|---|--|
| Prototype |  | These are products that have been made as development samples for the purposes of technical evaluation only. The data for these types is provisional and is subject to change. |
| Design-in |  | These products are recommended for new designs. |
| Preferred | | These products are recommended for use in current designs and are available via our sales channels. |
| Support |  | These products are not recommended for new designs and may not be available through all of our sales channels. Customers are advised to check for availability. |

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [ferroxcube](#) manufacturer:

Other Similar products are found below :

[014660H](#) [P66/56-3F3](#) [EFD30/15/9-3C94](#) [CPV-RM12/I-1S-12PD-TZ](#) [RM10/I-3C90](#) [TX102/66/25-3C11](#) [CPHS-EFD20/7-1S-10P](#)
[EFD30/15/9-3C90](#) [TX63/38/25-3E25](#) [EFD15/8/5-3F3-A63-S](#) [T102/66/25-3C90](#) [ETD59/31/22-3C90](#) [4312-020-37500](#) [ETD49-3C94](#) [RM10/I-3C90-A250](#) [E25/13/7-3F3](#) [CPH-U15/11/6-1S-4P](#) [4322-021-35150](#) [RM6S-3H3](#) [E55/28/21-3F3](#) [CON-P30/19](#) [U15/11/6-3C94](#) [CLI-EFD15](#)
[EFD30/15/9-3F3](#) [058374D](#) [EFD15/8/5-3F3-S](#) [058351G](#) [TN32/19/13-3F3](#) [U93/76/16-3C90](#) [RM10/I3C90-A400](#) [CSHS-EFD15-1S-8P-Z](#)
[RM14/I-3F3](#) [EFD20/10/7-3F3](#) [CSH-EFDD20-1S-8P](#) [E42/21/15-3C94](#) [E65/32/27-3F3](#) [TX10/6/4-3E5](#) [EFD20-3C90/K](#) [ETD54-3C94](#) [CLI-](#)
[EFD30](#) [TX102/66/15-3C11](#) [TX58/41/18-3C11](#) [CLI-EP13](#) [009968H](#) [4322-020-97010](#) [TX58/41/18-3E25](#) [TN13/7.5/5-3F3](#) [EFD10-3F3-S](#) [CLI-](#)
[EP7](#) [E55/28/21-3C94](#)