



## COUPLER Product Specification

**Model:** AP03M(Z) **Rev:** **Date:** 3/5/2007  
**Customer:** SIRENZA MICRODEVICES, INC.  
**Operating Temperature Range:** ( -40 ° to 85 ° C)

**Pb** WEEE and RoHS Compliant

| Parameter           | Min  | Typ  | Max   | Units   | X | Remarks          |
|---------------------|------|------|-------|---------|---|------------------|
| Frequency Range -   | 2000 | 2150 | 2300  | MHz     | X |                  |
| Coupling Value -    |      | 3    |       | dB      | X |                  |
| Insertion Loss -    | 0    | 0.1  | 0.2   | dB      | X |                  |
| Amplitude Balance - | -0.2 | 0    | 0.2   | dB      | X |                  |
| Phase Balance -     | 88   | 90   | 92    | degrees | X |                  |
| Return Loss -       |      |      | -22.1 | dB      | X |                  |
| Output Isolation -  | 23   | 27   |       | dB      | X |                  |
| Power Handling -    |      |      | 60    | Watts   |   | Average Power CW |

### Package Information

|               |                               |                 |        |
|---------------|-------------------------------|-----------------|--------|
| Package Type: | M (0.56 x 0.2 x 0.075 inches) | Drawing Number: | SLG002 |
|---------------|-------------------------------|-----------------|--------|

### Comments

**X** Indicates parameter to be tested 100% in production

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