

Part Number: 38M4050AA0606

| | |
|-------------------|------------|
| Material Grade | M4 |
| Sheet Size | 60 x 60 mm |
| Ferrite Thickness | 0.5 mm |
| Total Thickness | 0.53 mm |



Weight: (g)

Chart Legend

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|----|--------|--------------|------------|
| A | | | | |

| | | Typical Shielding Effectiveness (dB): Test Method as noted -> **, *** | | | | |
|---------------|----------|---|-----------|------------|-----------|-----------|
| PARTNUMBER | Material | 1MHz** | 6.78MHz** | 13.56MHz** | 100MHz*** | 300MHz*** |
| 38M4050AA0606 | M4 | 13.5 | 14.2 | 14.5 | 10.6 | 6.5 |

** Shielding Effectiveness (SE) at 1 -50MHz :
measured using IEC 6233-2 Rde Inter Decoupling Ratio method (loop to loop distance= 6mm).

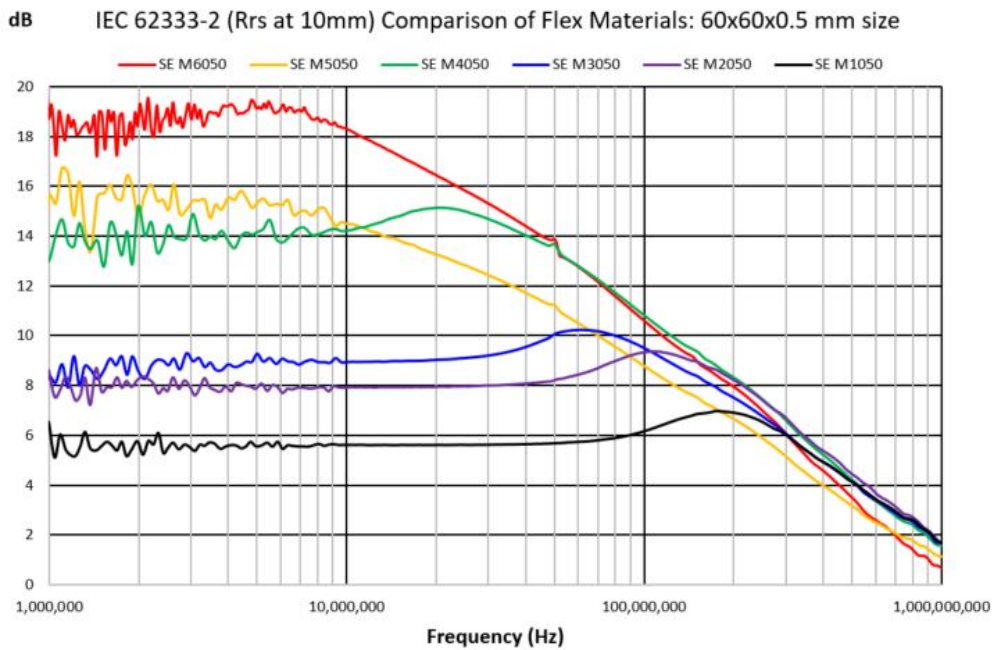
This method is meaningful as a measure of decoupling effectiveness circuit to circuit or to metal surfaces (plane to plane).

*** Shielding Effectiveness (SE) at 100MHz+ : measured using IEC 6233-2 Rrs Radiation Suppression Ratio method (50-ohm Microstripline).

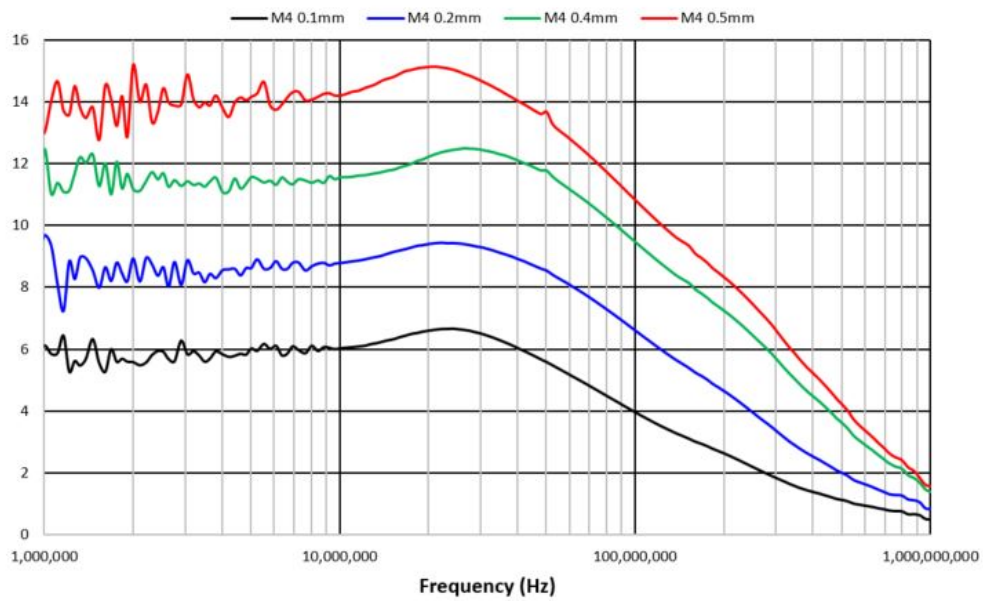
This method is meaningful as a measure of shielding for radiated emissions of "antennas".

Equipment Used:

- E5072A Vector Network Analyzer (30kHz - 8.5 GHz)
- HP4291A RF Impedance/Material Analyzer (1MHz-3GHz)
- E4991A with 16453A Dielectric Test Fixture
- HP4284A for Temperature testing
- 25mm diameter slotted loop antennas
- 50-ohm Micro-Stripline Test Fixture



dB IEC 62333-2 (Rrs at 10mm) Comparison of Thickness : M4 material



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