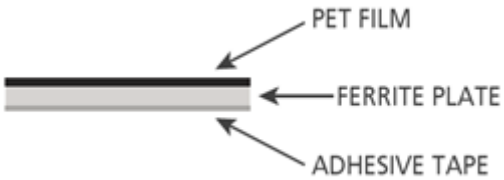
Fair-Rite Products Corp.
Your Signal Solution®

# 38M5040AA0606(0000000000)

Part Number: 38M5040AA0606

| | |
|---|---|
| Material Grade | M5 |
| Sheet Size | 60 x 60 mm |
| Ferrite Thickness | 0.4 mm |
| Total Thickness | 0.43 mm |






Weight: (g)

**Chart Legend**

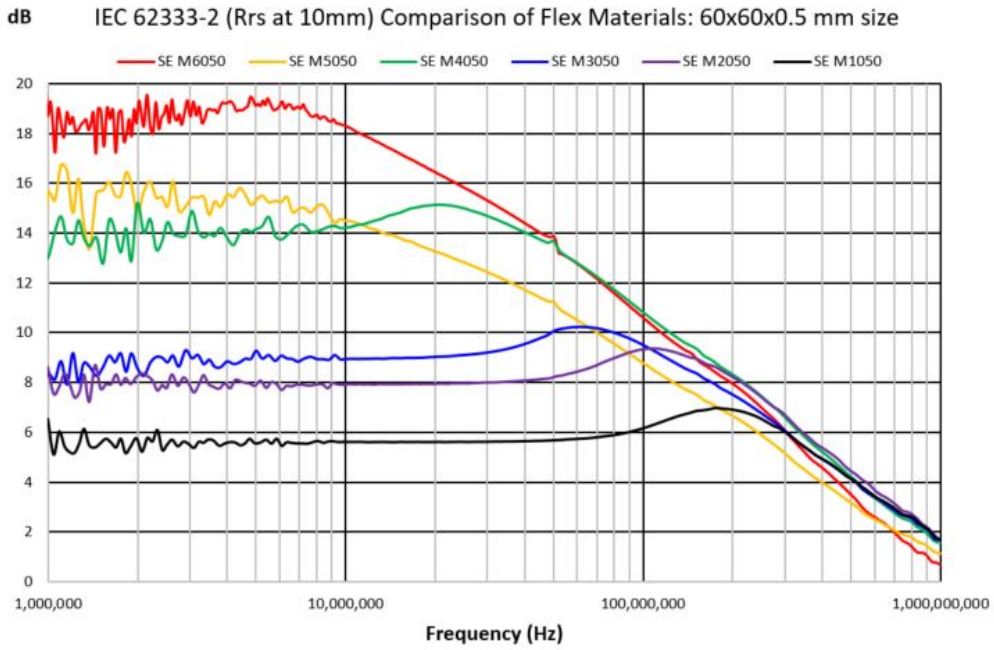
| Dim | mm | mm tol | nominal inch | inch misc. |
|---|---|---|---|---|
| A | | _ | | |

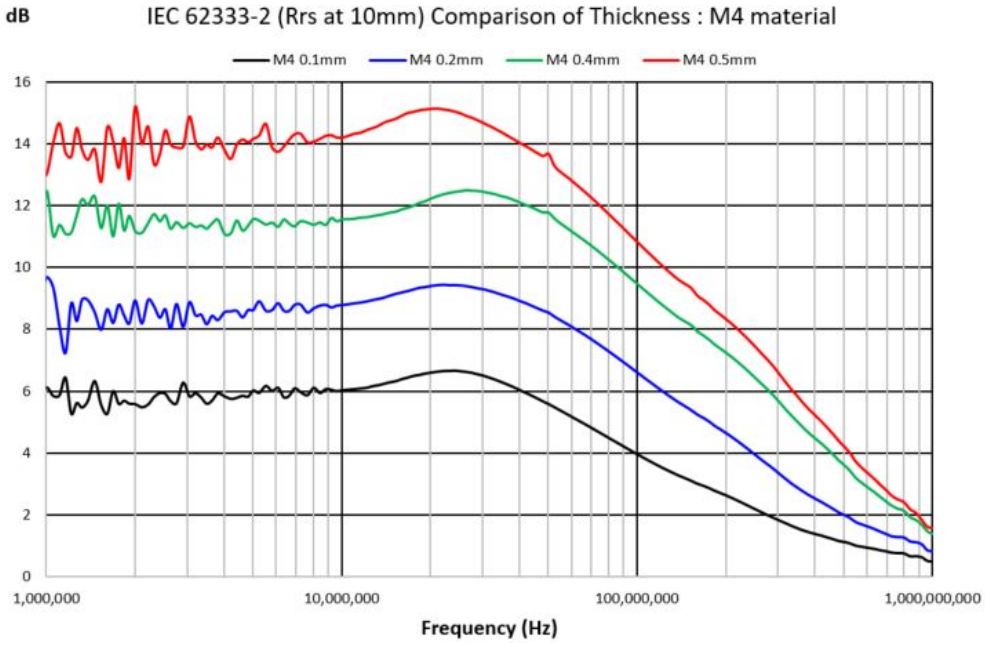
| | Typical Shielding Effectiveness (dB): Test Method as noted –> **, *** | | | | | |
|---|---|---|---|---|---|---|
| PARTNUMBER | Material | 1MHz** | 6.78MHz** | 13.56MHz** | 100MHz*** | 300MHz*** |
| 38M5040AA0606 | M5 | 14.5 | 14 | 12.4 | 7.3 | 4 |

** 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






Fair-Rite Products Corp. • One Commercial Row, Wallkill, New York 12589-0288
888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • ferrites@fair-rite.com • www.fair-rite.com