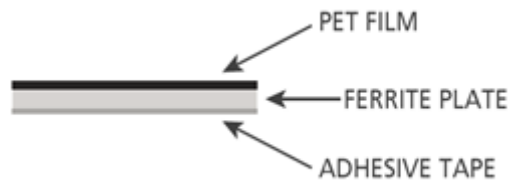


Part Number: 38M5040AA0606

|                   |            |
|-------------------|------------|
| 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)

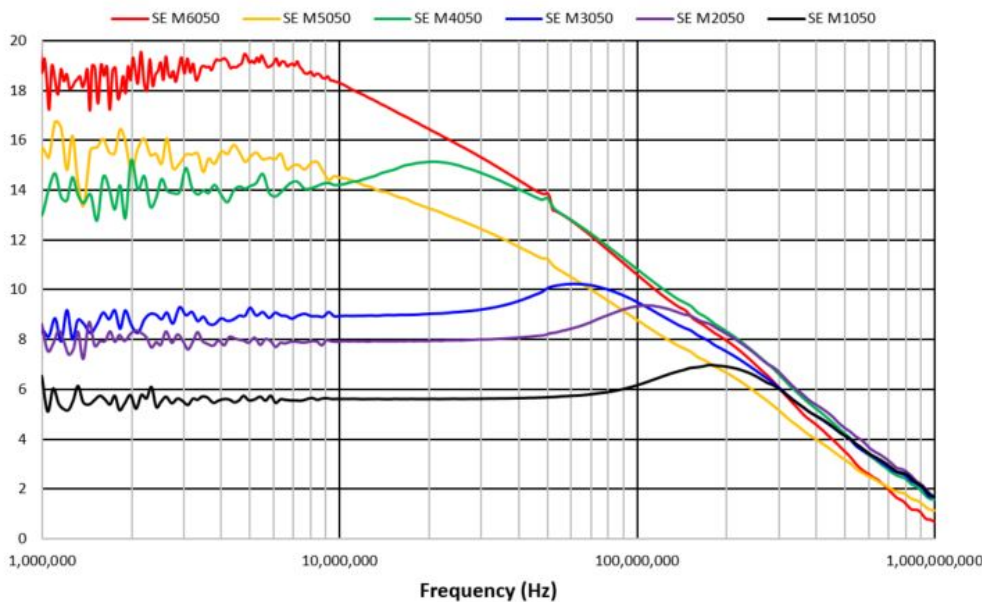
E4991A with 16453A Dielectric Test Fixture

HP4284A for Temperature testing

25mm diameter slotted loop antennas

50-ohm Micro-Stripline Test Fixture

**dB** IEC 62333-2 (Rrs at 10mm) Comparison of Flex Materials: 60x60x0.5 mm size



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



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