Filter Specifications

Customer _____ **Location** _____

Key Engineer _____ **Email** _____

Telephone _____ **Fax** _____

Quantity _____ **Date Required** _____

Prototype or Production _____ **Application** _____

Program Name _____ **Target Price** _____

Start Date for Production Volumes _____

New requirement or replacement part needing Form/Fit/Function: NEW____ REPLACEMENT____ (Check One)

Filter Type:

___ Lumped Element ___ Crystal ___ Cavity ___ SAW

___ Combline ___ Switched ___ Tunable ___ Planar

___ Interdigital ___ Helical ___ Ceramic

ELECTRICAL SPECIFICATIONS

Nominal Center Frequency (f_{on}): _____ MHz

Passband at _____ dB between: f_{on} ± _____ (kHz, MHz, etc.) Min.

Attenuation at _____ dB between: f_{on} ± _____ (kHz, MHz, etc.) Max.

Attenuation at _____ dB between: f_{on} ± _____ (kHz, MHz, etc.) Max.

Ultimate Attenuation: _____ dB Min

Spurs f_{on} + _____ kHz to + _____ kHz _____ dB Max.

Ripple (Peak to Valley): _____ dB Max.

Insertion Loss: _____ dB Max.

Termination Impedances Source: _____ Ohms// _____ pF ± _____ pF

Load: _____ Ohms// _____ pF ± _____ pF

Group Delay Requirements

Delay at f_{on}: _____ (µsec, nsec, etc.) Max.

Differential Delay over f_{on} ± _____ kHz: _____ µsec Max.

Intermodulation Distortion Requirements:

Test Tone Frequencies: f1 _____ MHz

f2 _____ MHz

Test Tone Power Level: _____ dBm

Third Order IM Products: _____ dBm

ENVIRONMENTAL REQUIREMENTS

Operating Temperature Range^{C}: _____ ºC to _____ ºC

Vibration (non-operating): _____

Shock (non-operating): _____

MECHANICAL REQUIREMENTS

Dimensions (LxWxH) _____ Style (SMD, Thru-Hole, etc.) _____

MtronPTI reserves the right to make changes to the product(s) and service(s) described herein without notice. No liability is assumed as a result of their use or application.
Please see ***www.mtronpti.com*** for our complete offering and detailed datasheets. Contact us for your application specific requirements: MtronPTI **1-800-762-8800.**