



DIELECTRIC FILTER PRELIMINARY SPECIFICATION

Part No.:

Customer:

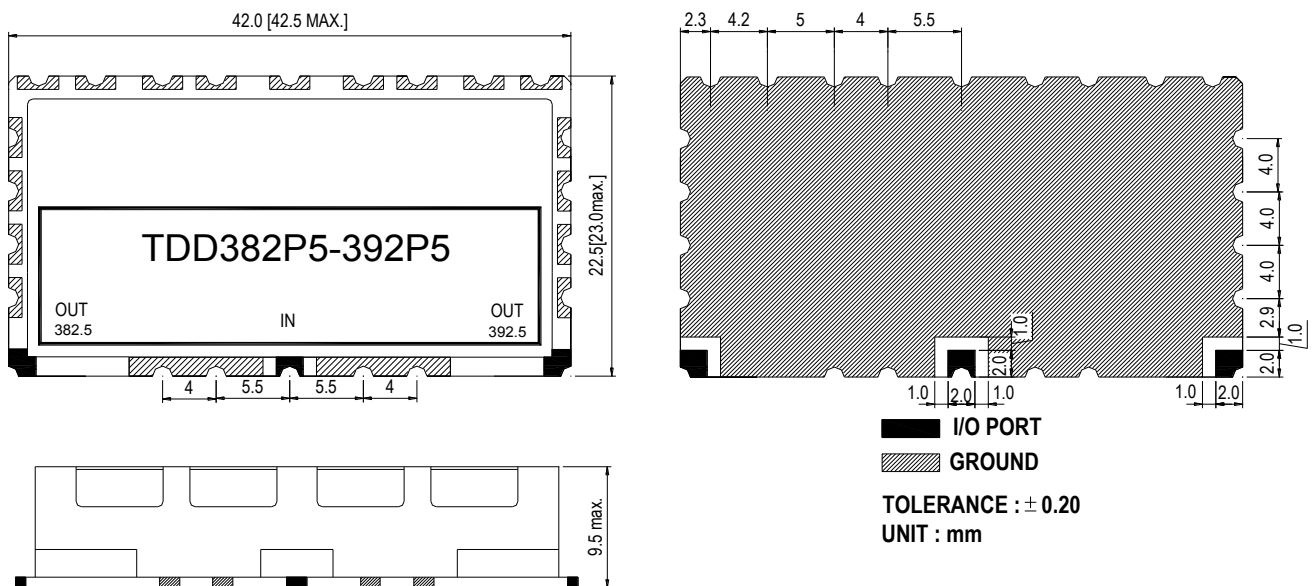
Date: 2014-01-20

Written by	Checked by	Approval
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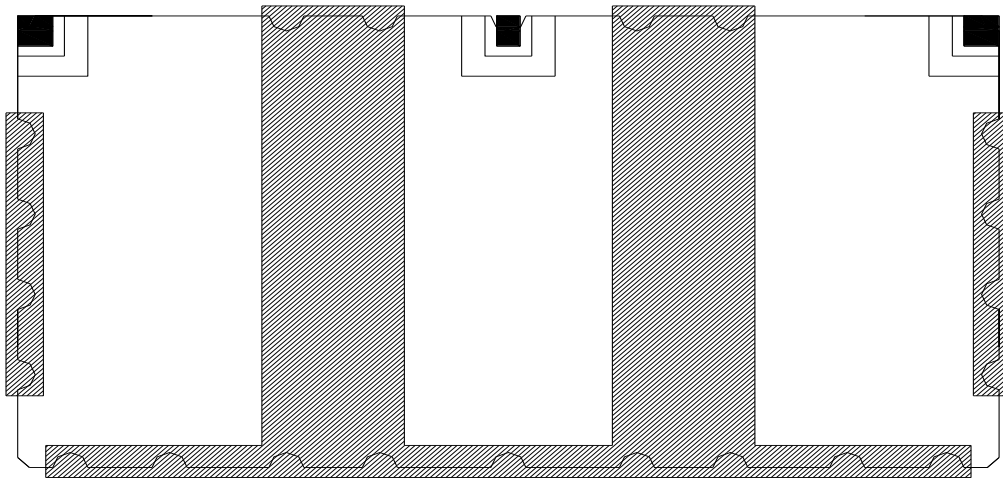
ELECTRICAL SPECIFICATIONS



ITEM	Low	High	UNIT
1 Center Frequency [fo]	382.5	392.5	MHz
2 Bandwidth [-1db BW]	Fo±2.5 (380-385M)	Fo±2.5 (390-395M)	MHz
3 Insertion Loss in BW	4.0 max.	4.0 max.	dB
4 Ripple in BW	2.5 max.	2.5 max.	dB
5 Return Loss in BW	15.0min.	15 min.	dB
6 Attenuation [Absolute Value]	50 min. @(150-200M) 30 min. @(200-350M) 25 min. @(350-360M) 18 min. @(387.5-390M) 60 min. @(390-395M) 45 min. @(410-610M)	57 min. @(150-200M) 47 min. @(200-360M) 60 min. @(380-385M) 18 min. @(385-387.5M) 20 min. @(410-425M) 30 min. @(425-575M) 45 min. @(575-610M)	dB
7 Input Power	10		W max.
8 In/Out Impedance	50		ohm
9 Operation Temperature Range	-40 to +85		°C

MECHANICAL SPECIFICATIONS



RECOMMENDED PC BOARD PATTERN

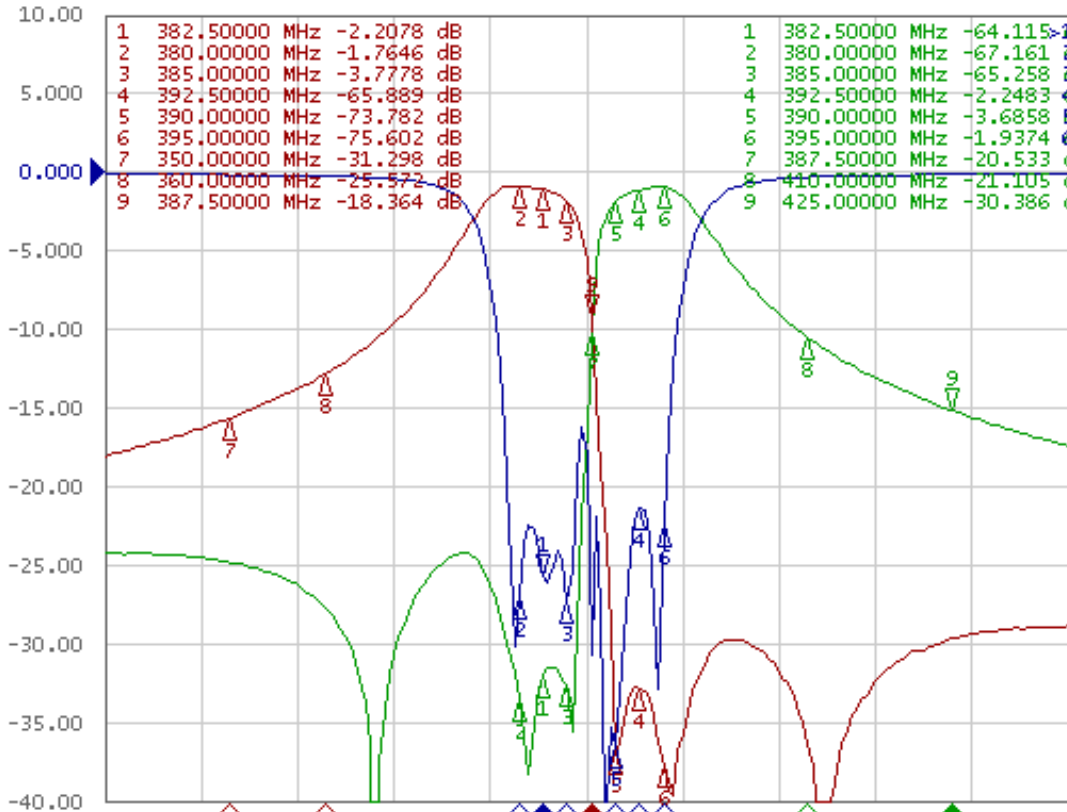


 GROUND SOLDERING POINT
 I/O PORT SOLDERING POINT

PERFORMANCE

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F4]
 Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F4]
 Tr3 S31 Log Mag 10.00dB/ Ref 0.000dB [F4]



1 Center 387 MHz

IFBW 5 kHz

Span 100 MHz

Hold Stop ExtRef Ready Svc 2014-01-15 15:13

System

Print

Abort Printing

Printer Setup...

Invert Image

ON

Dump
Screen Image...

Multiport Test Set
Setup

Misc Setup

Backlight

ON

Firmware
Revision

PERFORMANCE

