

**Allen Avionics, Inc.**  
 224 East Second St.  
 Mineola, New York 11501  
 TEL (516) 248-8080 FAX (516) 747-6724

NAME: \_\_\_\_\_  
 JOB TITLE: \_\_\_\_\_  
 COMPANY NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 CITY/STATE: \_\_\_\_\_ ZIP \_\_\_\_\_ PHONE: \_\_\_\_\_

# FILTER ORDER FORM

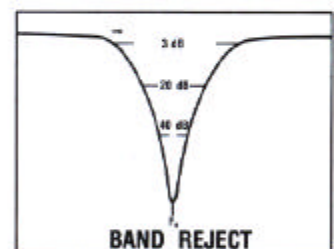
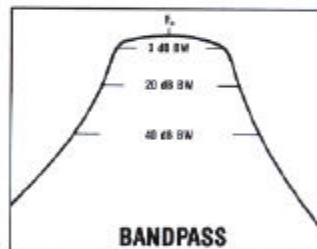
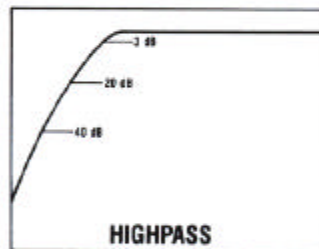
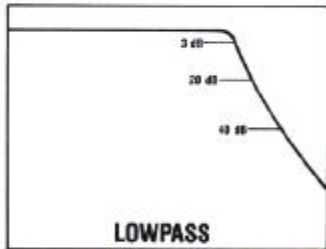
SOURCE OF INFORMATION: Catalog No. \_\_\_\_\_ Page No. \_\_\_\_\_ Part No.(If Applicable): \_\_\_\_\_

Filter Type (Circle One)

- |                                 |                             |                                   |                            |
|---------------------------------|-----------------------------|-----------------------------------|----------------------------|
| 1. NTSC Delay Equalized Lowpass | 7. Video Gaussian           | 13. Band Reject                   | 19. Sub-Miniature Bandpass |
| 2. NTSC Band Reject             | 8. Lowpass                  | 14. Linear Phase Narrow Bandpass  | 20. Tubular Lowpass        |
| 3. NTSC Bandpass                | 9. Highpass                 | 15. Linear Phase Broad Bandpass   | 21. Tubular Highpass       |
| 4. Noise Measurement            | 10. Linear Phase Lowpass    | 16. Pre/Post Filters (VSL Series) | 22. Low Profile Lowpass    |
| 5. Wave Shaping                 | 11. Delay Equalized Lowpass | 17. Sub-Miniature Lowpass         | 23. Low Profile Highpass   |
| 6. Fixed Attenuators            | 12. Bandpass                | 18. Sub-Miniature Highpass        |                            |

## ELECTRICAL SPECIFICATIONS

FOR ALL LOWPASS AND HIGHPASS FILTERS, FILL IN 3dB CUT-OFF ( $F_c$ ), IMPEDANCE AND SHAPE FACTOR. FOR ALL BANDPASS AND BAND REJECT FILTERS, FILL IN CENTER FREQUENCY ( $F_0$ ), 3dB BANDWIDTH ( $F_c$ ), IMPEDANCE AND SHAPE FACTOR. ORDER ANY CENTER FREQUENCY ( $F_0$ ), 3dB BANDWIDTH ( $F_c$ ) AND IMPEDANCE REQUIRED. INTERPOLATION BETWEEN FREQUENCIES OR IMPEDANCES LISTED IN CATALOG IS VALID \*WHEN ORDERING MINIATURE OR TUBULAR FILTERS PLEASE SPECIFY PART NO. BY USING THE EXAMPLES SHOWN IN THE MINIATURE AND TUBULAR FILTER SECTION OF THIS CATALOG.



CENTER FREQUENCY: \_\_\_\_\_ or, From \_\_\_\_\_ To \_\_\_\_\_  
(ONLY FILL IN FOR BANDPASS OR BAND REJECT FILTERS)

3dB CUT-OFF ( $F_c$ ): \_\_\_\_\_  
(FILL IN FOR ALL FILTERS EXCEPT LINEAR PHASE BROAD BANDPASS)

SHAPE FACTOR: \_\_\_\_\_

\*MINIATURE LOWPASS ML- \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

\*MINIATURE HIGHPASS MH- \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

\*MINIATURE BANDPASS MB- \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

IMPEDANCE (Ohms): \_\_\_\_\_

VSWR: \_\_\_\_\_ (1.5 to 1 Nominal)

% BANDWIDTH  
 for Linear Phase Only \_\_\_\_\_ (30-70%)  
(FOR LINEAR PHASE BROAD BANDPASS ONLY)

OPERATING TEMP. \_\_\_\_\_ (0-50°C Standard)

\*TUBULAR LOWPASS TLP- \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

\*TUBULAR HIGHPASS THP- \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

## MECHANICAL SPECIFICATIONS

CASE MATERIAL: Metal \_\_\_\_\_ Epoxy Encapsulated \_\_\_\_\_  
(DO NOT CHOOSE EPOXY ENCAPSULATION UNLESS CATALOG INDICATES ITS USE. METAL CANS MAY ALWAYS BE SUBSTITUTED FOR EPOXY CONSTRUCTION)

SIZE: Length \_\_\_\_\_ Width \_\_\_\_\_ Height \_\_\_\_\_ Other: \_\_\_\_\_

MOUNTING: Inserts \_\_\_\_\_ Brackets \_\_\_\_\_ Studs \_\_\_\_\_

CONNECTORS: SMA \_\_\_\_\_ BNC \_\_\_\_\_ Other \_\_\_\_\_ TERMINALS: PCB \_\_\_\_\_ Other \_\_\_\_\_  
(FOR BEST ULTIMATE ATTENUATION AND HIGH FREQUENCY PASSBAND APPLICATIONS, WE RECOMMEND THAT CONNECTORS BE USED ABOVE 5MHz.)

Any Additional Requirements or Comments: