



## Networking Components

- FILTER MODULES FOR VDSL
- MATCHED TO VDSL TECHNOLOGY REQUIREMENT
- VDSL APPLICATION:
  1. PLAN 998 ANSI
  2. PLAN 997 ETSI
- METALINK IC:MTV9170/9172

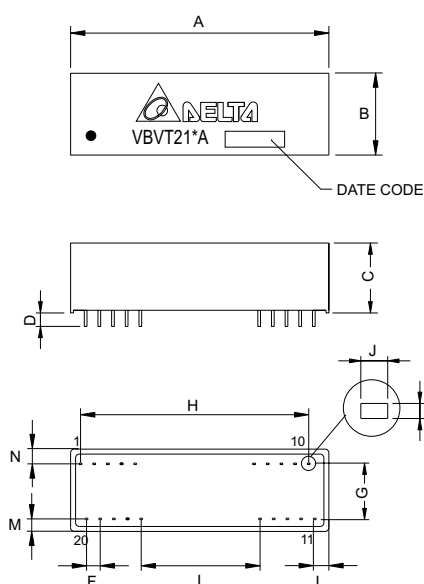


### FOUR/FIVE BAND COMBINED AFE SOLUTIONS

| Part NO.       | Description | Application   | Impedance (Ohm) | Form (TYPE) | IC Supplier     |
|----------------|-------------|---------------|-----------------|-------------|-----------------|
| VBVT210A (CO)  | BPF/2RX/2TX | PLAN 998 ANSI | 1000            | V           | METALINK 4-Band |
| VBVT211A (CPE) | BPF/2RX/2TX | PLAN 998 ANSI | 1000            | V           | METALINK 4-Band |
| VBVT214A (CO)  | BPF/2RX/2TX | PLAN 997 ETSI | 1000            | V           | METALINK 4-Band |
| VBVT215A (CPE) | BPF/2RX/2TX | PLAN 997 ETSI | 1000            | V           | METALINK 4-Band |
| VBVT216A (CO)  | BPF/2RX/3TX | PLAN 998 ETSI | 1000/160/100    | V1          | METALINK 5-Band |
| VBVT217A (CPE) | BPF/3RX/2TX | PLAN 998 ETSI | 1000            | V1          | METALINK 5-Band |

### MECHANICAL CONSTRUCTION

#### V TYPE



|         | IN                       |   | OUT   |   |
|---------|--------------------------|---|-------|---|
| RXF-US1 | PIN1                     | + | PIN20 | + |
|         | PIN2                     | - | PIN19 | - |
| RXF-US2 | PIN3                     | + | PIN18 | + |
|         | PIN4                     | - | PIN17 | - |
| TXF-DS1 | PIN7                     | + | PIN14 | + |
|         | PIN8                     | - | PIN13 | - |
| TXF-DS2 | PIN9                     | + | PIN12 | + |
|         | PIN10                    | - | PIN11 | - |
| AGND    | PIN5, PIN6, PIN15, PIN16 |   |       |   |

UNIT : mm / inch

A = 50.00 / 1.968MAX

B = 15.00 / 0.590 MAX

C = 14.50 / 0.570 MAX

D = 3.0 / 0.118TYP

E = 0.50±0.127 / 0.020±0.005

F = 2.54 / 0.100 (TYP)

G = 9.50 / 0.374 (TYP)

H = 44.80 / 1.764 (TYP)

I = 24.48 / 0.956 (TYP)

J = 0.51 / 0.020 (TYP)

K = 0.25 / 0.010 (TYP)

L = 2.60 / 0.102 (TYP)

M = 2.35 / 0.093 (TYP)

N = 3.15 / 0.124 (TYP)

#### DELTA ELECTRONICS, INC.

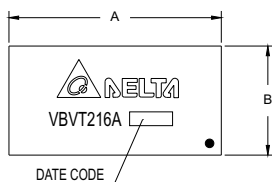
(TAOYUAN PLANT CPBG) 252, SAN YING ROAD, KUEI SAN INDUSTRIAL ZONE, TAOYUAN SHIEN, TAIWAN, R.O.C.

TEL: 886-3-3591968; FAX: 886-3-3591991

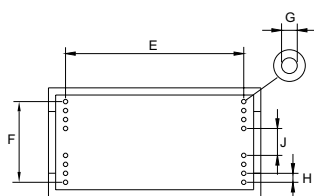
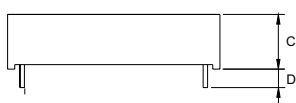
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## MECHANICAL CONSTRUCTION

### V1 TYPE

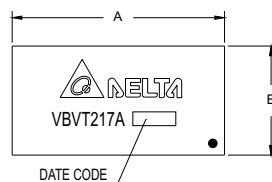


|               | IN    |   | OUT   |   |
|---------------|-------|---|-------|---|
| RXF-US1       | PIN13 | + | PIN4  | + |
|               | PIN14 | - | PIN3  | - |
| RXF-US2       | PIN15 | + | PIN2  | + |
|               | PIN16 | - | PIN1  | - |
| TXF-DS2       | PIN8  | + | PIN9  | + |
|               | PIN7  | - | PIN10 | - |
| TXF-DS1 & DS3 | PIN6  | + | PIN11 | + |
|               | PIN5  | - | PIN12 | - |

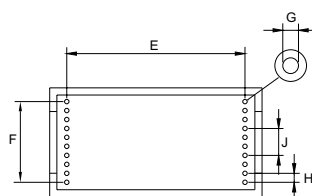
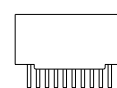
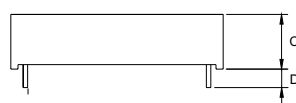


UNIT : mm / inch  
 A = 38.00 ± 0.500 / 1.496 ± 0.020  
 B = 28.00 ± 0.500 / 1.102 ± 0.020  
 C = 12.00 ± 0.500 / 0.472 ± 0.020  
 D = 4.00 / 0.157 (TYP)  
 E = 32.3 / 1.272 (TYP)  
 F = 22.86 / 0.900 (TYP)  
 G = 0.55 / 0.022 (TYP)  
 H = 2.54 / 0.100 (TYP)  
 J = 7.62 / 0.30 (TYP)

### V1 TYPE



|         | IN    |   | OUT   |   |
|---------|-------|---|-------|---|
| TXF-US1 | PIN8  | + | PIN13 | + |
|         | PIN7  | - | PIN14 | - |
| TXF-US2 | PIN10 | + | PIN11 | + |
|         | PIN9  | - | PIN12 | - |
| RXF-DS1 | PIN15 | + | PIN6  | + |
|         | PIN16 | - | PIN5  | - |
| RXF-DS2 | PIN17 | + | PIN4  | + |
|         | PIN18 | - | PIN3  | - |
| RXF-DS3 | PIN19 | + | PIN2  | + |
|         | PIN20 | - | PIN1  | - |



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 F = 22.86 / 0.900 (TYP)  
 G = 0.55 / 0.022 (TYP)  
 H = 2.54 / 0.100 (TYP)

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