

## Networking Components

- FILTER MODULES FOR VDSL
- HYBRID TRANSFORMERS FOR VDSL
- MATCHED TO VDSL TECHNOLOGY REQUIREMENT
- VDSL FREQUENCY BAND :
  1. STANDARD APPLICATION : @900KHz~7.9MHz
  2. SMART\_PHONE APPLICATION : @950KHz~7.9MHz
  3. POTS\_SUPPORT\_ONLY ( VDSL HIGH SPEED)APPLICATION : @138KHz~12MHz
- INFINEON 2 BAND IC:PEF22822/22811
- INFINEON OCTAL IC:PEF22824/22825



### TWO BAND COMBINATED AFE SOLUTIONS

Part NO.	Description	Pass Band	Stop Band	Impedance (Ohm)			Form (TYPE)	IC Supplier
		Freq (MHz)	Freq (MHz)	LINE	TX	RX		
VQBT600C (CPE)	CMC / LINE BPF / HYBRID / RX / TX	TX 4.3~7.9 RX 0.9~3.4	0.9~3.4 4.3~7.9	100	40	270	B	Infineon 2-Band Transformer Design
VQDT601A (CPE)	CMC / LINE BPF / HYBRID / RX / TX	TX 4.3~7.9 RX 0.9~3.4	0.9~3.4 4.3~7.9	100	40	270	D	Infineon 2-Band Hybrid Design B
VQBT602C (CO)	CMC / LINE BPF / HYBRID / RX / TX	TX 0.9~3.4 RX 4.3~7.9	4.3~7.9 0.9~3.4	100	40	270	B	Infineon 2-Band Transformer Design
VQDT603A (CO)	CMC / LINE BPF / HYBRID / RX / TX	TX 0.9~3.4 RX 4.3~7.9	4.3~7.9 0.9~3.4	100	40	270	D	Infineon 2-Band Hybrid Design B
VQDT604A (CPE)	CMC / LINE BPF / HYBRID / RX / TX	TX 4.3~7.9 RX 0.95~3.4	0.95~3.4 4.3~7.9	120	40	270	D	Infineon 2-Band D-Phone Design A
VQDT605A (CO)	CMC / LINE BPF / HYBRID / RX / TX	TX 0.95~3.4 RX 4.3~7.9	4.3~7.9 0.95~3.4	120	40	270	D	Infineon 2-Band D-Phone Design A
VQBT606C (CPE)	CMC / LINE BPF / HYBRID / RX / TX	TX 4.3~7.9 RX 0.95~3.4	0.95~3.4 4.3~7.9	120	40	270	B	Infineon 2-Band D-Phone Design B
VQBT607C (CO)	CMC / LINE BPF / HYBRID / RX / TX	TX 0.95~3.4 RX 4.3~7.9	4.3~7.9 0.95~3.4	120	40	270	B	Infineon 2-Band D-Phone Design B
VQGT610A (CO)	CMC / LINE BPF / HYBRID / RX / TX	TX 0.95~3.0 RX 4.3~7.9	4.3~7.9 0.95~3.0	100 / / 120	40	270	G	Infineon 2-band
VQNT619E (QUAD CO)	CMC / LINE BPF / HYBRID / RX / TX	TX 0.9~3.4 RX 4.3~7.9	4.3~7.9 0.9~3.4	100	40	270	N	Infineon Octal Design A

**DELTA ELECTRONICS, INC.**

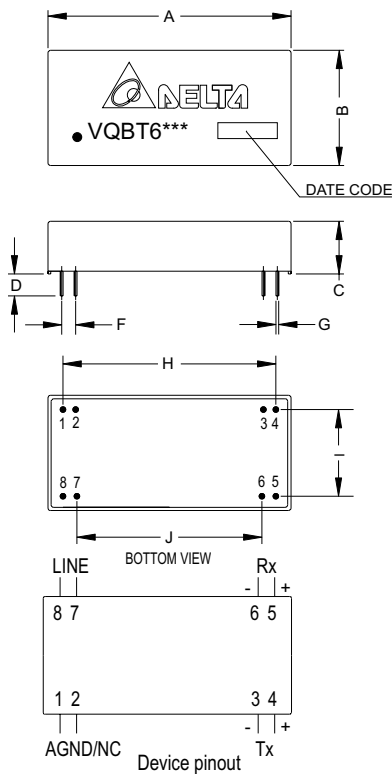
(TAOYUAN PLANT CPBG) 252, SAN YING ROAD, KUEI SAN INDUSTRIAL ZONE, TAOYUAN SHIEN, TAIWAN, R.O.C.

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[Http://www.deltaww.com/products/networking](http://www.deltaww.com/products/networking)

## MECHANICAL CONSTRUCTION

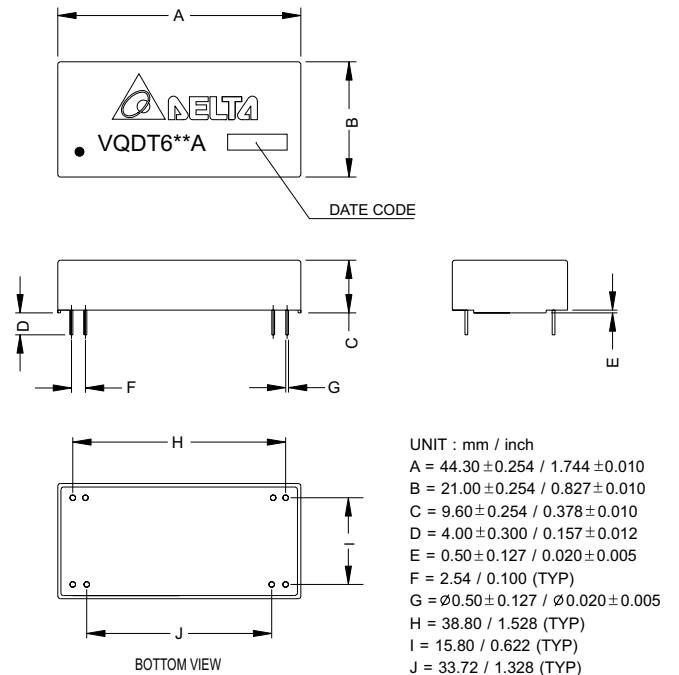
### B TYPE



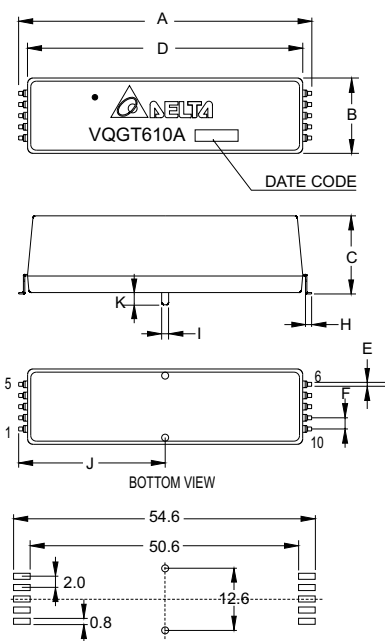
PIN	ALLOCATION
1	AGND
2	NC
3	Tx-
4	Tx+
5	Rx+
6	Rx-
7	LINE
8	LINE

UNIT : mm / inch  
 A = 44.20±0.254 / 1.741±0.010  
 B = 21.00±0.254 / 0.827±0.010  
 C = 11.65 / 0.459 MAX  
 D = 3.50±0.300 / 0.138±0.012  
 E = 0.50±0.127 / 0.020±0.005  
 F = 2.54 / 0.100 (TYP)  
 G = 0.65 / 0.026 (TYP)  
 H = 38.80 / 1.528 (TYP)  
 I = 15.80 / 0.622 (TYP)  
 J = 33.72 / 1.328 (TYP)

### D TYPE

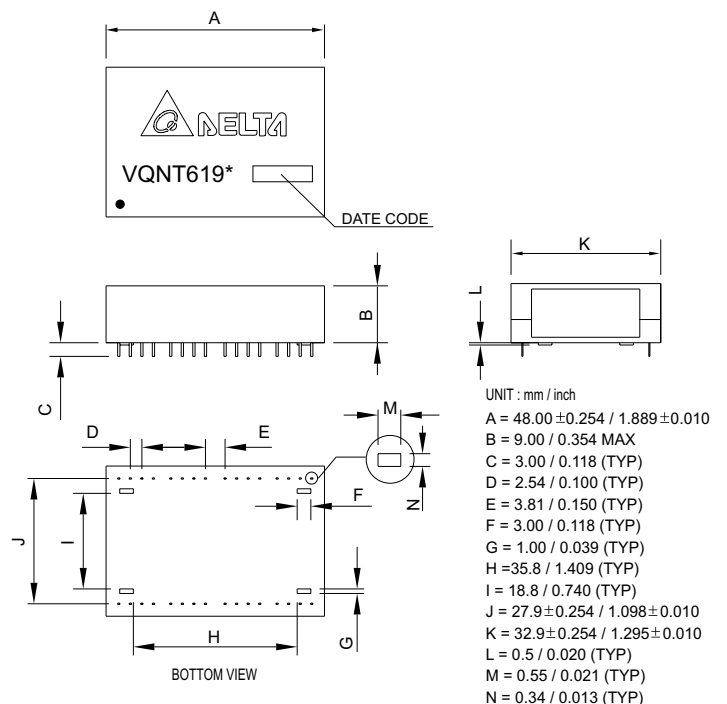


### G TYPE



PIN	ALLOCATION
1	NC
2	LINE
3	NC
4	LINE
5	NC
6	TX+
7	TX-
8	AGND
9	RX+
10	RX-

### N TYPE



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