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 Freq (MHz)	Stop Band Freq (MHz)	Impedance (Ohm) LINE	TX	RX	Form (TYPE)	IC Supplier
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.

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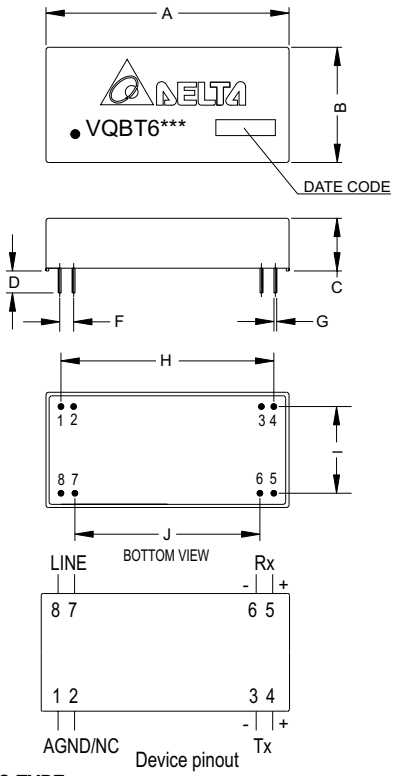
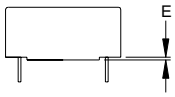
MECHANICAL CONSTRUCTION

B TYPE

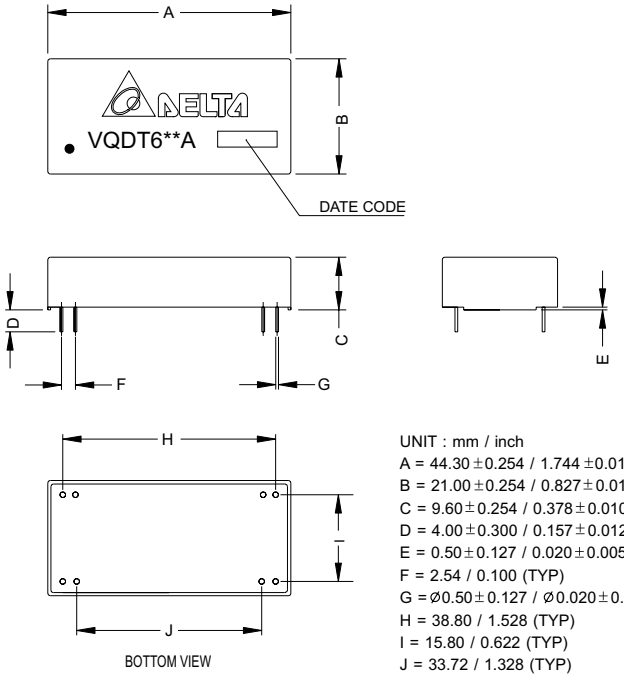


PIN	ALLOCATION
1	AGND
2	NC
3	Tx-
4	Tx+
5	Rx+
6	Rx-
7	LINE
8	LINE



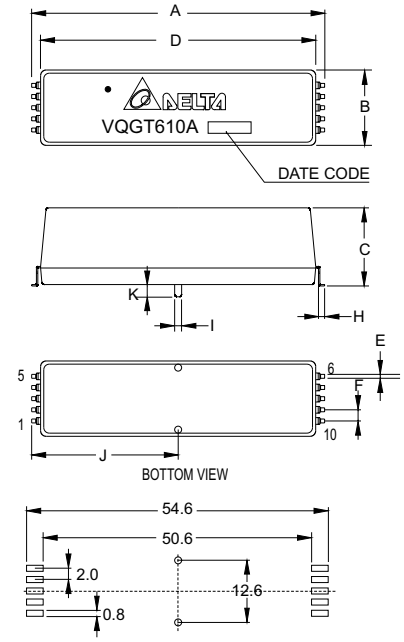
UNIT : mm / inch
A = 44.20±0.254 / 1.741±0.010
B = 21.00±0.254 / 0.827±0.010
C = 11.65 / 0.459 MAX
D = 3.50±0.300 / 0.138±0.012
E = 0.50±0.127 / 0.020±0.005
F = 2.54 / 0.100 (TYP)
G = 0.65 / 0.026 (TYP)
H = 38.80 / 1.528 (TYP)
I = 15.80 / 0.622 (TYP)
J = 33.72 / 1.328 (TYP)

D TYPE



UNIT : mm / inch
A = 44.30±0.254 / 1.744±0.010
B = 21.00±0.254 / 0.827±0.010
C = 9.60±0.254 / 0.378±0.010
D = 4.00±0.300 / 0.157±0.012
E = 0.50±0.127 / 0.020±0.005
F = 2.54 / 0.100 (TYP)
G = Ø0.50±0.127 / Ø0.020±0.005
H = 38.80 / 1.528 (TYP)
I = 15.80 / 0.622 (TYP)
J = 33.72 / 1.328 (TYP)

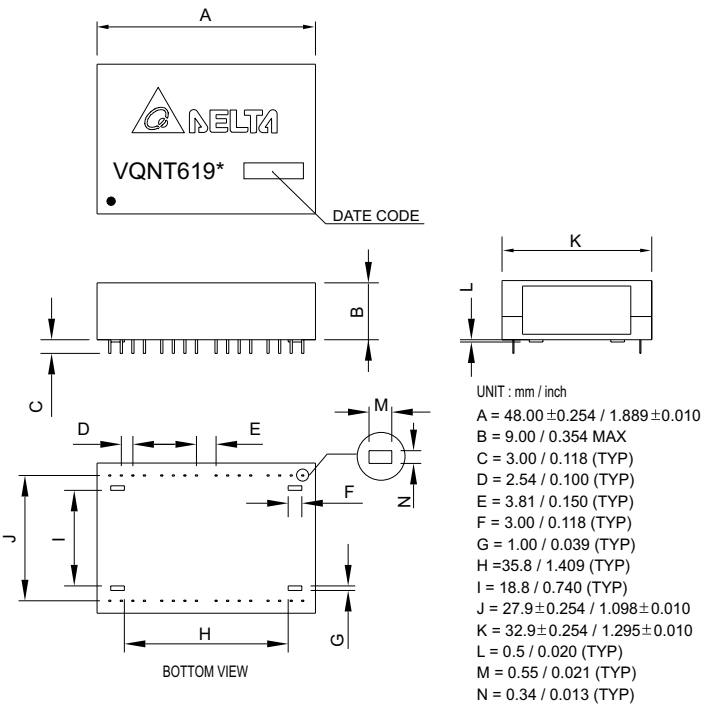
G TYPE



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

UNIT : mm / inch
A = 53.00±0.300 / 2.087±0.012
B = 13.50±0.254 / 0.531±0.010
C = 15.30±0.254 / 0.531±0.010
D = 48.00±0.254 / 1.890±0.010
E = 0.70 / 0.028 (TYP)
F = 2.00 / 0.079 (TYP)
G = 2.75 / 0.108 (TYP)
H = 1.16 / 0.046 (TYP)
I = Ø0.85±0.10 / Ø0.033±0.004
J = 26.25±0.15 / 1.033±0.006
K = 1.0 / 0.039 (TYP)

N TYPE



UNIT : mm / inch
A = 48.00±0.254 / 1.889±0.010
B = 9.00 / 0.354 MAX
C = 3.00 / 0.118 (TYP)
D = 2.54 / 0.100 (TYP)
E = 3.81 / 0.150 (TYP)
F = 3.00 / 0.118 (TYP)
G = 1.00 / 0.039 (TYP)
H =35.8 / 1.409 (TYP)
I = 18.8 / 0.740 (TYP)
J = 27.9±0.254 / 1.098±0.010
K = 32.9±0.254 / 1.295±0.010
L = 0.5 / 0.020 (TYP)
M = 0.55 / 0.021 (TYP)
N = 0.34 / 0.013 (TYP)

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