



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. G.993.1 APPLICATION: @640KHz~12MHz
 4. POTS_SUPPORT_ONLY (VDSL HIGH SPEED)APPLICATION: @138KHz~12MHz
 5. VDSL REPEATER: @20KHz~3.9MHz
- INFINEON IC:PEF22822/22811



TWO BAND DISCRETE AFE SOLUTIONS

Part NO.	Description	Pass Band	Stop Band	Impedance (Ohm)			Form (TYPE)	IC Supplier
		Freq (MHz)	Freq (MHz)	LINE	TX	RX		
VLCS001A	CPE RX LPF	0.9~3.4	4.3~7.9			270	C	Infineon 2-Band
VLCS003A	CO TX LPF	0.9~3.4	4.3~7.9		40		C	Infineon 2-Band
VLCS004A	CPE RX LPF	0.3~4.5	6.0~12			270	C	Infineon 2-Band
VLCS005A	CO TX LPF	0.3~4.5	6.0~12		40		C	Infineon 2-Band
VLCS006A	CPE RX LPF	0.16~1.9	2.19~3.9			270	C	Infineon 2-Band VDSL Repeater
VLCS007A	CO TX LPF	0.16~1.9	2.19~3.9		40		C	Infineon 2 Band VDSL Repeater
VLCS009A	CPE RX LPF	0.3~2.8	3.2~8.0			270	C	Infineon 2-Band
VHCS401A	CPE TX HPF	4.3~7.9	0.9~3.4		40		C	Infineon 2-Band
VHCS403A	CO RX HPF	4.3~7.9	0.9~3.4			270	C	Infineon 2-Band
VHCS405A	CPE TX HPF	6.0~12	0.3~4.5		40		C	Infineon 2-Band
VHCS406A	CO RX HPF	6.0~12	0.3~4.5			270	C	Infineon 2-Band
VHCS407A	CPE TX HPF	2.19~3.9	0.16~1.9		40		C	Infineon 2-Band VDSL Repeater
VHCS408A	CO RX HPF	2.19~3.9	0.16~1.9			270	C	Infineon2-Band VDSL Repeater
VHKS409A	LINE HPF	0.64~12	0.0002~0.32	100			K	G.993.1(G.vdsl.f)
VHCS410A	CPE TX HPF	3.2~8.0	0.3~2.8		40		C	Infineon 2-Band
VHUS411A	LINE HPF	0.138~12	DC~0.01	100			U	Ikanos
VBCS201A	LINE BPF &HYBRID	0.9~7.9	0.02~0.5	100	40	270	C	Infineon 2-Band
VBCS202A	LINE BPF &HYBRID	0.95~7.9	0.02~0.65	120	40	270	C	Infineon 2-Band D-Phone Application
VBOS206A	LINE BPF &HYBRID	0.2~8.5	0.02~0.15	100	40	270	O	Infineon 2 Band Non-ADSL Support
VBCS207A	LINE BPF &HYBRID	0.2~3.9	0.0002~0.01	100	40	270	O	Infineon 2 Band VDSL Repeater
VBCS209A	LINE BPF &HYBRID	0.3~8.0	0.02~0.15	100	40	270	C	Infineon 2-Band Non-ADSL Support

DELTA ELECTRONICS, INC.

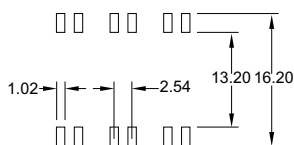
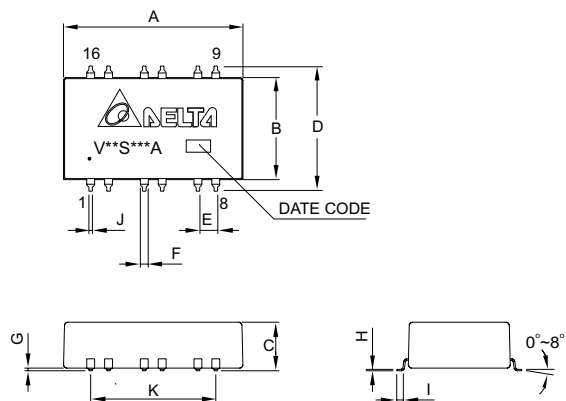
(TAOYUAN PLANT CPBG) 252, SAN YING ROAD, KUEI SAN INDUSTRIAL ZONE, TAOYUAN SHIEN, TAIWAN, R.O.C.

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

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

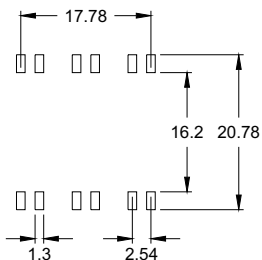
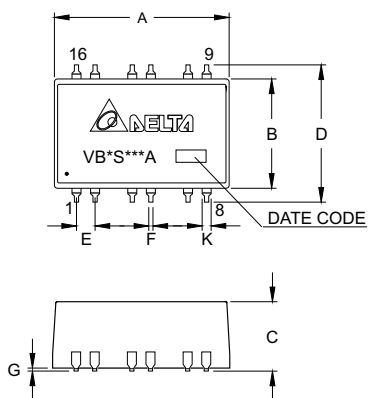
MECHANICAL CONSTRUCTION

C TYPE



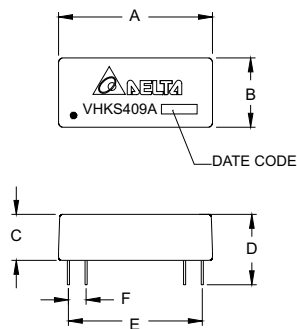
UNIT : mm / inch
 A = $23.80 \pm 0.254 / 0.937 \pm 0.010$
 B = $14.50 \pm 0.254 / 0.571 \pm 0.010$
 C = $7.15 \pm 0.254 / 0.281 \pm 0.010$
 D = $18.30 \pm 0.254 / 0.720 \pm 0.010$
 E = $2.54 / 0.100$ (TYP)
 F = $1.12 \pm 0.127 / 0.044 \pm 0.005$
 G = $0.254 \pm 0.127 / 0.030 \pm 0.005$
 H = $0.254 / 0.010$ (TYP)
 I = $1.00 \pm 0.254 / 0.039 \pm 0.010$
 J = $0.50 \pm 0.127 / 0.020 \pm 0.005$
 K = $17.78 / 0.700$ (TYP)

O TYPE



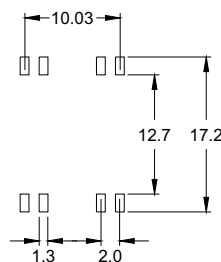
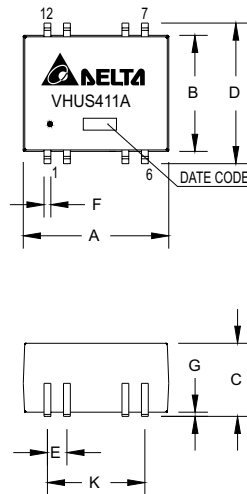
UNIT : mm/inch
 A = $24.00 \pm 0.300 / 0.945 \pm 0.012$
 B = $14.60 \pm 0.300 / 0.575 \pm 0.012$
 C = $10.00 \pm 0.300 / 0.394 \pm 0.012$
 D = $18.15 \pm 0.300 / 0.715 \pm 0.012$
 E = $2.54 / 0.100$ (TYP)
 F = $0.76 \pm 0.127 / 0.030 \pm 0.005$
 G = $0.300 \pm 0.127 / 0.010 \pm 0.005$
 H = $0.254 \pm 0.127 / 0.010 \pm 0.005$
 I = $1.00 \pm 0.254 / 0.039 \pm 0.010$
 J = $0^\circ \sim 8^\circ$
 K = $1.32 \pm 0.127 / 0.052 \pm 0.005$

K TYPE



UNIT: mm/inch
 A = $22.76 \pm 0.254 / 0.896 \pm 0.010$
 B = $10.17 \pm 0.254 / 0.400 \pm 0.010$
 C = $8.53 \pm 0.254 / 0.336 \pm 0.010$
 D = $11.53 \pm 0.254 / 0.454 \pm 0.010$
 E = $19.60 \pm 0.254 / 0.772 \pm 0.010$
 F = $2.54 / 0.100$ (TYP)
 G = $8.64 / 0.340$ (REF)
 H = $0.50 / 0.197$ (REF)

U TYPE



UNIT : mm / inch
 A = $14.93 \pm 0.254 / 0.588 \pm 0.010$
 B = $11.91 \pm 0.254 / 0.469 \pm 0.010$
 C = $7.50 / 0.295$ (MAX)
 D = $14.96 \pm 0.254 / 0.589 \pm 0.010$
 E = $2.00 / 0.079$ (TYP)
 F = $0.70 \pm 0.127 / 0.028 \pm 0.005$
 G = $0.127 / 0.005$ (REF)
 H = $0.254 / 0.010$ (TYP)
 I = $1.00 / 0.039$ (TYP)
 J = $0^\circ \sim 8^\circ$
 K = $10.03 / 0.395$ (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

Http://www.deltaww.com/products/networking