V-Bite ® PC Edge Mount

The V-Bite ® is an industry award winning design PCB connector with all the advantages a designer could want. It **edge mounts** to the board which offers the lowest profile and utilizes very little PCB real estate. It lends itself to surface mount and through-hole soldering techniques. There are versions for IR and convection reflow soldering. Because the connector locks into place both above and below the PCB it disperses rotational torque relief to the board and not the solder points. The V-Bite ® design offers the lowest VSWR ratings due to the straight through-put contact design. No right angles for reflection. Available in 50 and 75 ohm, threaded and non-threaded. Other options for PCB thickness available. Other interfaces available. See "F", BNC Twin, TNC and N sections.

Part Number	RoHS	Description	Imp	Contact	Fig. No.	Dwg.
361V504ER *	☑	**BNC** Jack W/ Teflon For Reflow Solder	50Ω	Phos./Gold	39A	
361V504ET *	☑	**BNC** Threaded Jack W/ Teflon For Reflow Solder	50Ω	Phos./Gold	39	
361V504EFT*	☑	**BNC** Threaded Jack W/ Teflon Insulator/Flange	50Ω	Phos./Gold	39B	
361V509E *	✓	**BNC** Jack W/ Polyethylene Insulator	50Ω	Phos./Tin	39A	
361V509ET *	✓	**BNC** Threaded Jack W/ Polyethylene Insulator	50Ω	Phos./Tin	39	---
361V704ER *	☑	**BNC** Jack W/ Teflon For Reflow Solder	75Ω	Phos./Gold	39A	
361V704ET *	☑	**BNC** Threaded Jack W/ Teflon For Reflow Solder	75Ω	Phos./Gold	39	
361V704EFT *	☑	**BNC** Threaded Jack W/ Teflon Insulator/Flange	75Ω	Phos./Gold	39B	
361VH704EFT	☑	**BNC** Threaded Jack W/ Teflon Insulator/Flange	75Ω	Phos./Gold	39B	
361V709E *	✓	**BNC** Jack W/ Polyethylene Insulator	75Ω	Phos./Gold	39A	---
361V709ET *	✓	**BNC** Threaded Jack W/ Polyethylene Insulator	75Ω	Phos./Gold	39	---
361E704ER *	☑	**BNC** W/Teflon for Reflow Solder, gold plated	75Ω	Phos./Gold	39I	
361E704EFT *	☑	**BNC** End launch W/Flnge and Threads, gold plated	75Ω	Phos./Gold	---	
361KNT	☑	**Knurled nut** (361 series)	NA	---	39K	
3M61V704 *	☑	**Mini-BNC** Jack W/Teflon for Reflow	75Ω	Phos./Gold	39J	
461V504E *	☑	**Twin-BNC** Jack W/ Teflon For Reflow Solder	75Ω	Phos./Gold	39N	
561V504E *	☑	**TNC** Jack W/ Teflon For Reflow Solder	50Ω	Phos./Gold	***	
561V504EFT*	☑	**TNC** Jack W/ Teflon Insulator/Flange	50Ω	Phos./Gold	39M	
861V509E *	✓	**F** Edge Mount Jack (RG59)	#NCI	Phos/Gold	39C	
861V509ER *	☑	**F** Edge Mount Jack w/ TFE Ins.. for Reflow (RG59)	#NCI	Brass/Gold	39C	
861V509ER6 *	☑	**F** Jack w/ TFE Insul. for Reflow (RG6, RG59)	75Ω	Brass/Gold	39C	
861VH509ER6*	☑	**F** Jack w/ TFE Ins. for Reflow (RG6,59) 5GHZ	75Ω	Brass/Gold	39C	
861VUS509ER6*	☑	**F** Jack w/ Under Shield TFE Ins. Rflw (RG6,59)	75Ω	Brass/Gold	***	
862V509ER6 *	☑	**F** Edge Mount **Plug** w/TFE insul for reflow	75Ω	Brass/Gold	39D	
161V504E *	☑	**N** Edge Mount Jack w/ TFE Insul for reflow	50Ω	Brass/Gold	39E	
161V504EFT *	☑	**N** Edge Mount Jack w/ Flange TFE Insul for reflow	50Ω	Brass/Gold	39F	
161VUS504EFT*	☑	**N** Jack w/ Flge Under Shield TFE Ins. for reflow	50Ω	Brass/Gold	39L	
162V504E *	☑	**N** Edge Mount Plug (TFE Insul for reflow)	50Ω	Brass/Gold	39G	
R061V704ER *	☑	**RCA** Edge Mount Jack w?TFE for reflow	75Ω	Brass/Gold	39H	

* Bomar Patent only ☑ RoHS compliant reflow or wave solder ✓ RoHS compliant wave solder only

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#NCI (non constant impedance)

Patented V-Bite ®, Snaps Into PCB, Surface Mount Center Contact

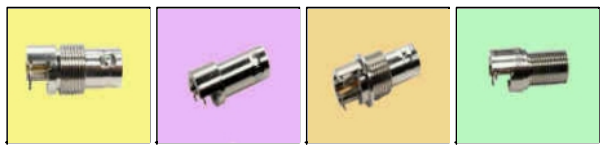

Fig. 39 **Fig. 39A** **Fig. 39B** **Fig. 39C**

Fig.39D **Fig. 39E** **Fig. 39F** **Fig. 39G**

Fig. 39H **Fig. 39I** **Fig. 39J** **Fig. 39K**

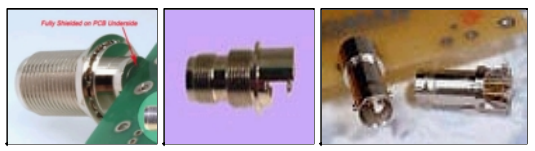

Fig. 39L **Fig. 39M** **Fig. 39N**

V-bite Footprint

Solder Suggestions

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