

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
#NCI (non constant impedance)

RoHS compliant reflow or wave solder

RoHS compliant wave solder only

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V-bite Footprint [Solder Suggestions](#)



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

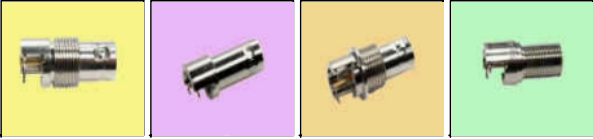


Fig. 39 Fig. 39A Fig. 39B Fig. 39C

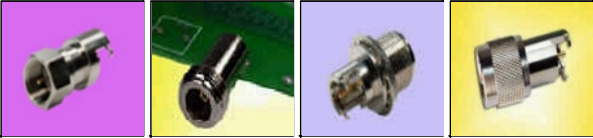


Fig.39D Fig. 39E Fig. 39F Fig. 39G



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

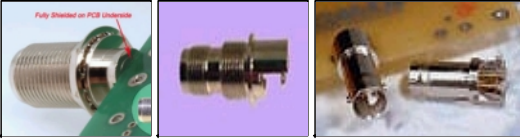


Fig. 39L Fig. 39M Fig. 39N