

# 220 series contacts

## FOR 221, 222, 223 SERIES CONNECTOR

### Ultra-Tac Contacts

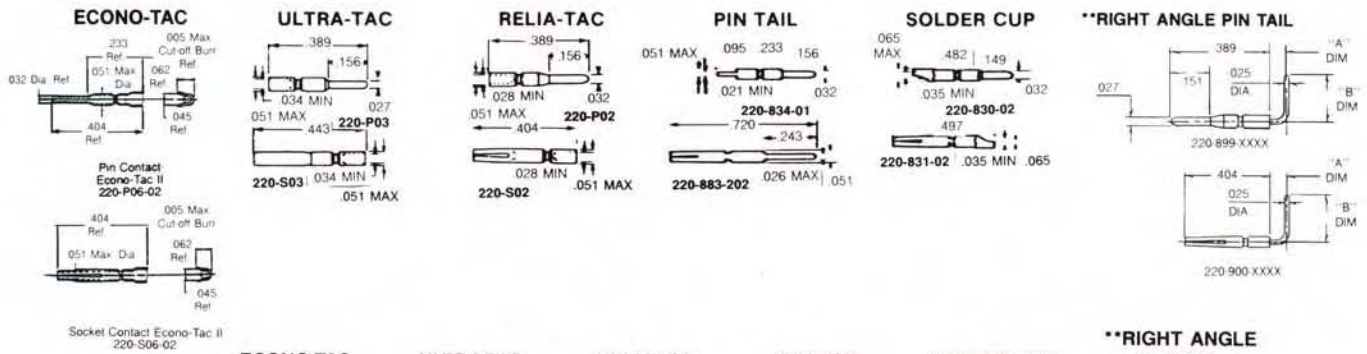
Top quality micro-miniature contacts. The socket contacts are hooded to resist test prod damage.

### Relia-Tac Contacts

Durable, customer-proven contacts.

Part Number	Description
220-P02 (Pin) 220-S02 (Socket)	Standard, See specifications below
220-844-02 (Pin) 220-845-02 (Socket)	Same as above, except heavy gold plating and inspection hole in crimp area

### specifications



	ECONO-TAC	ULTRA-TAC	RELIA-TAC	PIN TAIL	SOLDER CUP	**RIGHT ANGLE PIN TAIL
Current (Amps) Rating	5	5	5	5	5	5
Contact Resistance* (ohms)	.0060	.0060	.0060	.0050 to .0060	.0060	.0060
Wire Range (Ga.) (Solid & Stranded)	24,26,28	22,24,26	24,26,28	N/A	24,26,28	N/A
Contact Finish	Gold-over-Copper on Copper Alloy Bodies	Gold-over-Copper on Copper Alloy Bodies	Gold-over-Copper on Copper Alloy Bodies	Gold-over-Copper on Copper Alloy Bodies	Gold-over-Copper on Copper Alloy Bodies	Gold-over-Copper on Copper Alloy Bodies

\* Constant to a minimum of 100 cycles of insertion and withdrawal.

### Ordering Information

Minimum order quantity is 100 pieces.  
Contacts can be supplied on reels for use in semi-automatic, crimp machines.  
Contact factory.

**NOTE:** All socket contacts are completely shrouded within the plug inserts for optimum protection against damage. Pin contacts are normally exposed when assembled into receptacle inserts.

### \*\*Right Angle Pin Tail Dimensions

Pin	Socket	"A"	"B"	Series Used On
220-899-01XX	—	.166	.306	223
—	220-900-01XX	.166	.306	223
220-899-02XX	—	.080	.220	223
—	220-900-02XX	.080	.220	223
220-899-03XX	—	.080	.172	221
—	220-900-03XX	.080	.172	221
—	220-900-04XX	.180	.306	223

**NOTE:** Substitute XX with:  
02 - .000020" Gold over Nickel  
03 - Bright Tin/Lead

### Pin Tail Contacts

Pin Tail Relia-Tac contacts may be used for mounting connectors directly to printed circuit boards. Can be provided with right angle bend.

### Solder Cup Contacts

Can be soldered to leads before insertion or, with proper heat sink, after contacts are assembled.