



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

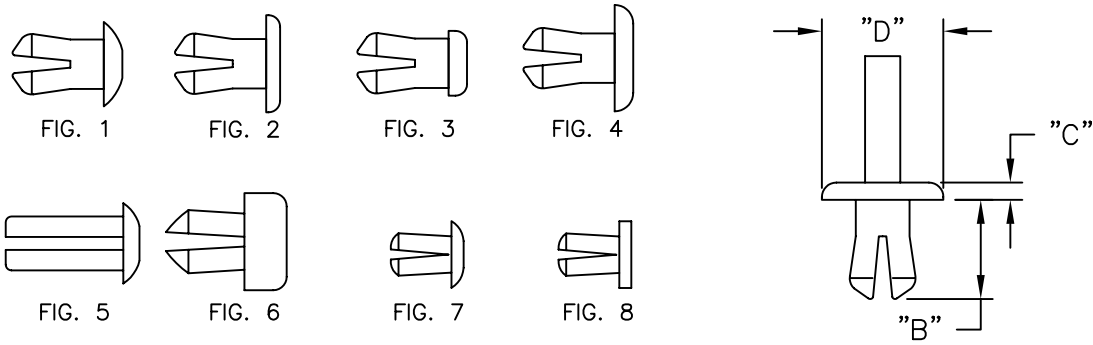
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PART NO.	COLOR (NOTE 2)	HOLE DIA.	TOTAL MAT'L THKNS. RANGE	LEG LENGTH "B"	HEAD THICK. "C"	HEAD "D"	INSTALLATION TOOL	FIG.
PPR-93-1	NATURAL OR BLACK	.130 (3.3)	.020-.138 (0.5-3.5)	.197 (5.0)	.051 (1.3)	.189 (4.8)	PPR-T1	7
PPR-93-2		.142(3.6)	.079-.217 (2.0-5.5)	.276 (7.0)	.079 (2.0)	.303 (7.7)		
PPR-93-4		.158 (4.0)	.158-.256 (4.0-6.5)	.315 (8.0)	.059 (1.5)	.256 (6.5)		
PPR-93-5		.158-.256 (4.0-6.5)	.295 (7.5)					
PPR-93-22		.161 (4.1)	.024-.177 (0.6-4.5)	.236 (6.0)	.236 (6.0)			
PPR-93-23	.173 (4.4)	.039-.138 (1.0-3.5)	.197 (5.0)	.067 (1.7)				
PPR-5	NATURAL	.189 (4.8)	.039-.375 (1.0-9.5)	.421 (10.7)	.063 (1.6)	.280 (7.1)		
PPR-93-10	NATURAL OR BLACK		.063-.185 (1.6-4.7)	.291 (7.4)	.098 (2.5)	.343 (8.7)		7
PPR-93-8	NATURAL		.158-.343 (4.0-8.7)	.433 (11.0)	.047 (1.2)	.280 (7.1)		2
PPR-2	NATURAL		.158-.281 (4.0-7.1)	.382 (9.7)	.059 (1.5)	.429 (10.9)		3
PPR-3	NATURAL		.311-.437 (7.9-11.1)	.535 (13.6)	.079 (2.0)	.280 (7.1)	7	
PPR-93-7	NAT. OR BLACK	.197 (5.0)	.059-.197 (1.5-5.0)	.291 (7.4)		.382 (9.7)		
PPR-93-14B	BLACK	.118-.276 (3.0-7.0)	.433 (11.0)	.370 (9.4)				
PPR-1	NATURAL	.217 (5.5)	.094-.158 (2.4-4.0)	.449 (11.4)		.433 (11.0)	1	
PPR-93-24B	BLACK	.236 (6.0)	.118-.276 (3.0-7.0)	.394 (10.0)		.437 (11.1)	7	
PPR-9	NATURAL	.252 (6.4)	.059-.252 (1.5-6.4)	.366 (9.3)	.185 (4.7)		6	
PPR-94-2	NAT. OR BLACK		.158-.374 (4.0-9.5)	.472 (12.0)	.079 (2.0)	.433 (11.0)	8	
PPR-4	NATURAL		.280-.500 (7.1-12.7)	.622 (15.8)		.469 (11.9)	4	
PPR-93-18B	BLACK	.280 (7.1)	.158-.472 (4.0-12.0)	.689 (17.5)	.098 (2.5)	.669 (17.0)	7	



NOTES:
1. MATERIAL: NYLON 6/6.
2. TO ORDER BLACK, ADD SUFFIX "B" TO PART NO.

F	SEE ECN NO. 483 FOR CHANGES	SM 10.07.02	TITLE: PUSH RIVETS				⊕	▭	DWG IN IN(MM)	QR
E	SEE ECN NO. 456 FOR CHANGE DETAIL	SJ 07.30.02					FINAL			
D	REMOVED P/N PPR-8	SJ 07.08.02	FILE # PPR-CATALOG		DWN: E.P.	APP:				
C	REMOVED P/N'S: PPR-93-110; ...-120; ...-130; ...-140; ...-150; ...-160; ...-170.	SJ 04.23.02	MAT'L: SEE NOTES		DT: 11-17-98	DT:	PART #		PRINT TYPE	
B	ADDED NOTES AND CHANGED FILE NUMBER	SM 03.01.02	RE: RICHCO, INC.		RICHCO INC. PO BOX 804238, CHICAGO, 60680 (773) 539-4060		SEE TABLE		CA	
A	ADDED P/N'S: PPR-93-110; ...-120; ...-130; ...-140; ...-150; ...-160; ...-170.	SM 02.26.01								
REV	DESCRIPTION	ENGR DATE								