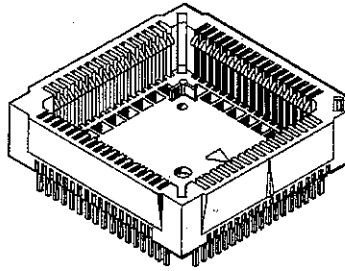
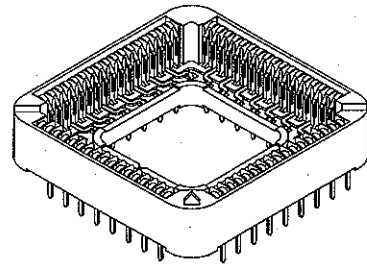


### Cross Reference — HPT to PLCC

#### Plastic Leaded Chip Carrier Sockets



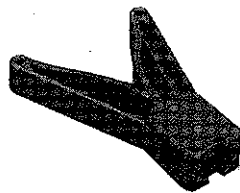
HPT



PLCC

No. of Pos.	Description	HPT Solder Tail Part Number	Equivalent PLCC Solder Tail Part Number
28	Metal Standoffs	821581-1	822437-1
28	Plastic Standoffs	821702-1	822437-1
32	Metal Standoffs	821665-1	822437-2
32	Plastic Standoffs	821684-1	822437-2
44	Metal Standoffs	821575-1	822437-3
44	Plastic Standoffs	821688-1	822437-3
52	Metal Standoffs	821551-1	822437-4
52	Plastic Standoffs	821739-1	822437-4
68	Metal Standoffs	821574-1	822437-5
68	Plastic Standoffs	821689-1	822437-5
84	Metal Standoffs	821573-1	822437-6
84	Plastic Standoffs	821690-1	822437-6

#### Plastic Leaded Chip Carrier Extraction Tools



No. of Pos.	HPT Solder Tail Part Number	Equivalent PLCC Solder Tail Part Number
28	822045-1	822045-1
32	821980-1	821980-1
44	821981-1	821981-1
52	822049-1	822049-1
68	822026-1	822026-1
84	822268-1	822268-1



**All Purpose Extraction**  
(Not for use with HPT Sockets)  
Tool Part No. 822154-1

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Features and Benefits

Feature	Benefit
<ul style="list-style-type: none"> <li>• Positive contact design</li> <li>• High normal force contacts — above 200 grams</li>   <li>• Low profile socket height of .276" off pc board</li>   <li>• Uniform solder tail heights with chamfered post tips</li> <li>• Rigid Solder Tails</li>   <li>• Single-piece housing</li> <li>• PCT housing material</li> <li>• Visual aids for registration</li> <li>• Open bottom in center of housing</li>   <li>• Plastic housing standoffs</li>   <li>• Housing slots</li>   <li>• Top loaded contacts</li> <li>• Closed bottom housing design on socket periphery</li> <li>• Accepts JEDEC plastic chip carriers made to MS-016 (rectangular packages) and MS-018 (square packages)</li> <li>• Heat age tested to 105°C for 1000 hours</li> </ul>	<ul style="list-style-type: none"> <li>• Prevents package "popout"</li> <li>• Design provides optimum mating and retention of plastic leaded chip carrier and maintains reliable interconnection during life of the sockets</li>   <li>• Allows tighter board spacing and clearance between boards</li>   <li>• Permits easier insertion into printed circuit board</li> <li>• Protects against damage in handling and insertion into printed circuit board</li>   <li>• Prevents flux and solvent entrapment</li> <li>• Allows wave solder or infrared processing</li> <li>• Easy orientation of plastic leaded chip carrier</li> <li>• Allows inspection or repair of components beneath socket</li> <li>• Provides clearance for heat dissipation and cleaning operations</li> <li>• Provides easy access for standard plastic leaded chip carrier extraction tools and all purpose extraction tool — AMP Part No. 822154-1</li>   <li>• Eliminates the potential of solder bridging</li> <li>• Eliminates the potential of solder wicking in processing</li> <li>• Permits product standardization</li>   <li>• Proves long term reliability of contact design</li> </ul>