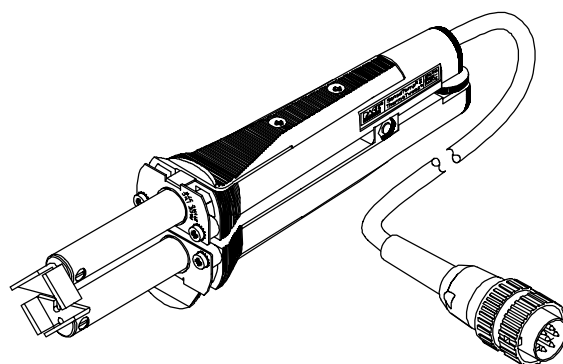


TT-65 THERMOTWEEZ HANDPIECE (SENSATEMP)

Item Number	Item Description	PACE Part #
1	TT-65 ThermoTweez Handpiece	7025-0001-P1
Replacement Parts		
2	Heater Assembly, with Sensor	6010-0082-P1
3	Heater Assembly, w/o Sensor	6010-0083-P1
4	Cushion Grip Kit	6993-0184
5	Pads for Cushion Grips	1317-0029-P2
6	Plastic Grip (2 ea.)	1119-0067
7	Replacement Hinge Kit	6993-0156



TT-65 comes standard with 1121-0313 tip.

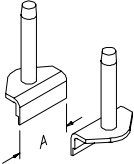
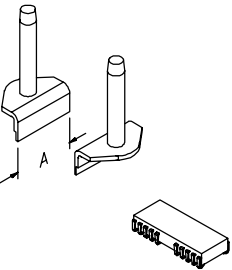
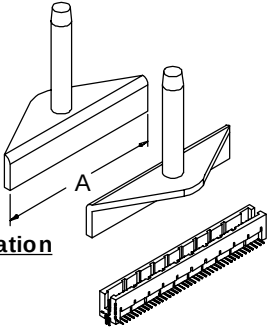
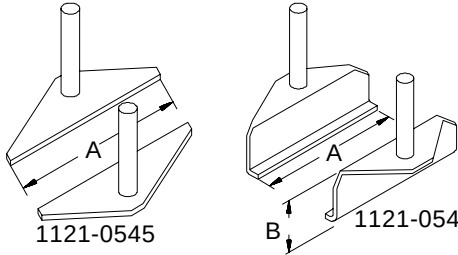
TIPS FOR TT-65 HANDPIECE

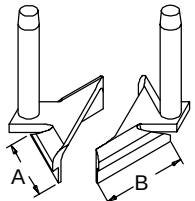
SURFACE MOUNT COMPONENT REMOVAL TIPS

TIPS	TIP DESCRIPTION	TIP SIZE	PART NUMBER
Vertical Angled Standard Wall: Thickness = 0.050" (1.3mm) Application	Chip Component (vertical)	A=0.03" (A=0.76mm) (A=0.76mm)	1121-0398-P1
	Chip Component (vertical)	A=0.08" (A=2.0mm)	1121-0313-P1
	Chip Component (vertical)	A=0.16" (A=4.1mm)	1121-0399-P1
	Chip Component (vertical) Small SOIC	A=0.25" (A=6.4mm)	1121-0401-P1
	45° Angled Chip Component	A=0.10" (A=2.54mm)	1121-0436-P1
Thin-Wall: Thickness = 0.017" (0.43mm)	Thin-Walled Chip Component (vertical)	A=0.03" (A=0.76mm)	1121-0520-P1
	Thin-Walled Chip Component (vertical)	A=0.08" (A=2.0mm)	1121-0521-P1
	Thin-Walled Chip Component (vertical)	A=0.16" (A=4.1mm)	1121-0522-P1
	Thin-Walled Chip Component and Small SOIC (vertical)	A=0.25" (A=6.4mm)	1121-0523-P1
Application	1/64" Angled Fine Point Conical Chip Component	A=0.017" (A=0.43mm)	1121-0517-P1

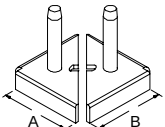
TIPS FOR TT-65 HANDPIECE

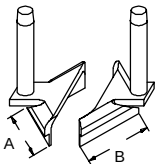
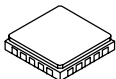
SURFACE MOUNT COMPONENT REMOVAL TIPS

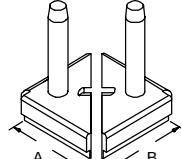
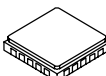
TIP	APPLICATION DESCRIPTION	TIP DESCRIPTION	PART NUMBER
	Narrow-body connectors, and SOIC Components	A=0.3" (A=7.6mm)	1121-0512-P1
		A=0.4" (A=10.2mm)	1121-0514-P1
 Application	SOIC, SOJ, SIMMs Component	A=0.5" (A=12.7mm)	1121-0473-P1
		A=0.7" (A=17.8mm)	1121-0416-P1
		A=0.8" (A=20.3mm)	1121-0497-P1
		A=1.0" (A=25.4mm)	1121-0448-P1
 Application	Surface Mount Connectors	A=1.25" (A=31.8mm) Extended blade Height	1121-0495-P1
		A=1.5" (A=38.1mm) Protective Guard	1121-0475 -P1 3018-0056-01
		A=2.0" (A=50.8mm) Protective Guard	1121-0477-P1 3018-0056-02
 1121-0545 1121-0547	PCMCIA Connector	A=1.75" (A=44.5mm)	1121-0545-P1
		A=1.75" (44.5mm) B=0.5" (12.7mm) (Extended Reach)	1121-0547-P1

QFP REMOVAL TIPS	DESCRIPTION (suggested application)	TIP SIZE	PART NUMBER
	PQFP-80/100	0.66" x 0.90" (16.8mm x 22.9mm)	1121-0560-P1
	TQFP-100	0.52" x 0.52" (13.2mm x 13.2mm)	1121-0540-P1
	TQFP-80/100	0.44" x 0.44" (11.2mm x 11.2mm)	1121-0542-P1
Application QFP	Wall thickness = 0.025" On these three tips		

TIPS FOR TT-65 HANDPIECE

PLCC REMOVAL TIP	DESCRIPTION (suggested application)	TIP SIZE A x B	PART NUMBER
 Standard Wall: Thickness = 0.050" (1.3mm) Application PLCC  The ThermoTweez can also remove leadless components (LCCCs) if sized correctly. PQFP 	PLCC-18	0.34" X 0.23" (8.64mm X 5.84mm)	1121-0314-P1
	PLCC-20	0.27" X 0.27" (6.86mm x 6.86mm)	1121-0316-P1
	PLCC-28	0.37" x 0.37" (9.4mm x 9.4mm)	1121-0317-P1
	PLCC-28R	0.49" x 0.29" (12.4mm x 7.4mm)	1121-0492-P1
	PLCC-32	0.48" x 0.38" (12.2mm x 9.65mm)	1121-0352-P1
	PLCC-44, PQFP-84	0.57" x 0.57" (14.5mm x 14.5mm)	1121-0318-P1
	PLCC-52, PQFP-100	0.67" x 0.67" (17.0mm x 17.0mm)	1121-0319-P1
	PLCC-68, PQFP-132	0.86" x 0.86" (21.9mm x 21.9mm)	1121-0320-P1
	PLCC-84, PQFP-160	1.06" x 1.06" (26.9mm x 26.9mm)	1121-0321-P1
	PLCC-100	1.31" x 1.31" (33.3mm x 33.3mm)	1121-0405-P1
	PQFP-304	1.64" x 1.64" (41.7mm x 41.7mm)	1121-0491-P1

THIN-WALLED SURFACE MOUNT REMOVAL TIPS	DESCRIPTION	TIP SIZE	PART NUMBER
 <u>Application</u> 	Removal Tips for Motorola Pager LCCC Packages and small, Fine-Pitch PQFPs Wall thickness=0.025" (standard height= 0.275")	0.26" x 0.26" (6.6mm x 6.6mm)	1121-0417-P1
		0.28" x 0.28" (7.11mm x 7.11mm)	1121-0419-P1
		0.31" x 0.31" (7.87mm x 7.87mm)	1121-0421-P1
		0.32" x 0.32" (8.13mm x 8.13mm)	1121-0423-P1
		0.40" x 0.35" (9.16mm x 8.89mm)	1121-0425-P1
		0.52" x 0.52" (13.2mm x 13.2mm)	1121-0427-P1
MOTOROLA PAGER TIP KIT Includes: All (6) tips listed above, plus (1) 1121-0398-P1, (1) 1121-0313-P1, listed on pg. 29 and one Tip Redi-Rak (6021-0007). The Motorola Pager Tip Kit will remove all of the LCCC components from the BRAVO Pager, the SABER 2-way radio, and any similar-sized components from other pagers and radio units.			6993-0162-P1

LCCC REMOVAL TIPS	DESCRIPTION (suggested application)	TIP SIZE A x B	PART NUMBER
 Application 	Removal Tips for LCCC Packages and Small, Fine-Pitch PQFPs Wall thickness = 0.025" (reduced height = 0.2" for high mass boards)	0.26" x 0.26" (6.6mm x 6.6mm)	1121-0450-P1
		0.35" x 0.25" (8.89mm x 6.35mm)	1121-0452-P1
		0.35" x 0.35" (8.89mm x 8.89mm)	1121-0454-P1
		0.85" x 0.85" (21.6mm 21.6mm)	1121-0455-P1