

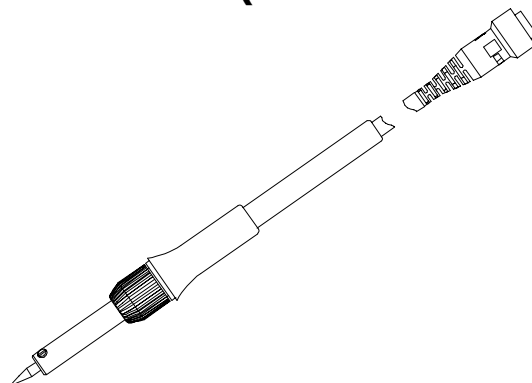
HANDPIECES AND TIPS

PS-80, IR-70 SMT/THRU-HOLE SOLDERING IRON (SENSATEMP)

Item Number	Item Description	PACE Part #
1	PS-80 Soldering Iron	6010-0096-P1
2	PS-80 Kit (Handpiece and Tip & Tool Stand)	6993-0199-P1
3	IR-70 Soldering Iron	6025-0009-P1

Replacement Parts

4	PS-80 Heater Assembly	6010-0095-P1
5	IR-70 Heater Assembly	6010-0078-P1



PS-80 comes standard with 1121-0414 tip.

TIPS FOR PS-80, IR-70 SOLDERING IRONS

SINGLE POINT TIPS WITH 3/16" SHANK DIAMETER

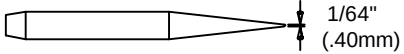
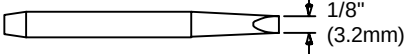
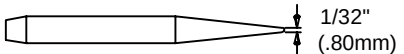
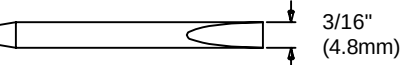
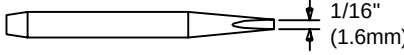
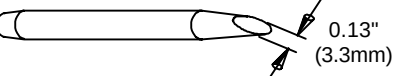
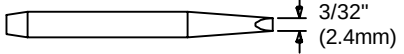
TIP (w/PART NUMBER)	TIP DESCRIPTION	TIP (w/PART NUMBER)	TIP DESCRIPTION
1121-0357-P5 	1/64" Conical	1121-0499-P5 	1/16" Chisel Long Reach
1121-0363-P5 	1/64" Bent Conical	1121-0500-P5 	1/16" Bent Chisel Long Reach
1121-0535-P5 	1/64" Bent Conical	1121-0360-P5 	3/32" Chisel
1121-0336-P5 	1/32" Conical	1121-0337-P5 	1/8" Chisel
1121-0359-P5 	1/32" Chisel	1121-0358-P5 	3/16" Chisel
1121-0361-P5 	1/32" Bent Chisel	1121-0335-P5 	1/16" Chisel
1121-0349-P5 	1/16" Chisel (MicroFine)	1121-0414-P5 	1/16" Chisel (High Capacity)

NOTE: Tips are sold in packs of 5.

TIPS FOR PS-80, IR-70 SOLDERING IRONS

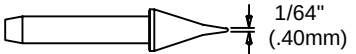
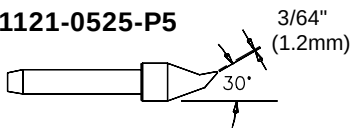
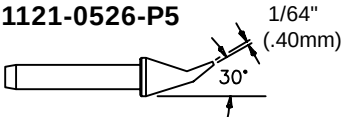
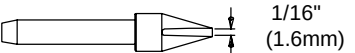
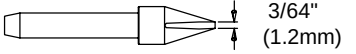
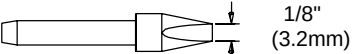
SINGLE POINT - EXTENDED REACH TIPS

(WITH 3/16" SHANK DIAMETER, 0.4" LONGER THAN STANDARD TIPS)

TIP (w/PART NUMBER)	TIP DESCRIPTION	TIP (w/PART NUMBER)	TIP DESCRIPTION
1121-0528-P5 	1/64" Conical	1121-0530-P5 	1/8" Chisel
1121-0527-P5 	1/32" Conical	1121-0531-P5 	3/16" Chisel
1121-0533-P5 	1/16" Chisel	1121-0532-P5 	Single Sided Chisel
1121-0529-P5 	3/32" Chisel		

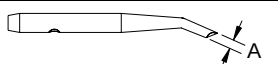
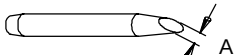
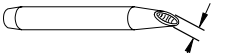
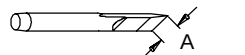
THERMO-DRIVE TIPS

(WITH 3/16" SHANK DIAMETER FOR MAXIMUM HEAT DELIVERY)

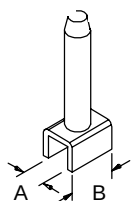
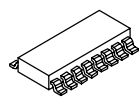
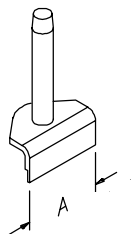
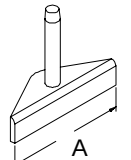
TIP (w/PART NUMBER)	TIP DESCRIPTION	TIP (w/PART NUMBER)	TIP DESCRIPTION
1121-0516-P5 	1/64" Conical	1121-0525-P5 	3/64" Bent Chisel
1121-0526-P5 	1/64" Bent Conical	1121-0510-P5 	1/16" Chisel
1121-0524-P5 	3/64" Chisel	1121-0518-P5 	1/8" Chisel

TIPS FOR PS-80, IR-70 SOLDERING IRONS

SURFACE MOUNT INSTALLATION TIPS

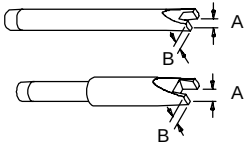
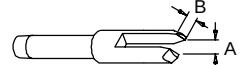
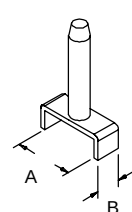
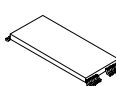
TIP	DESCRIPTION	TIP SIZE 'A'	PART NUMBER
	Angled Single Sided Chisel Tip (for Fine Pitch)	A = 0.06" (1.5mm)	1121-0563-P5
	Angled Mini-Wave Tip (for Fine Pitch)	A = 0.07" (1.8mm)	1121-0564-P5
	Angled Mini-Wave Tip	A = 0.09" (2.4mm)	1121-0610-P5
	Single Sided Chisel Tip	A = 0.13" (3.3mm)	1121-0406-P5
	Mini-Wave Tip	A = 0.13" (3.3mm)	1121-0490-P5
	Flat Blade Tip	A = 0.25" (6.6mm)	1121-0402-P1
	Flat Blade Tip	A = 0.40" (10.2mm)	1121-0305-P1

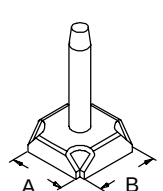
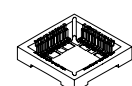
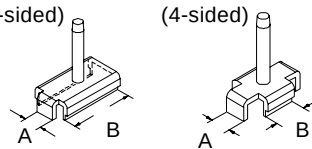
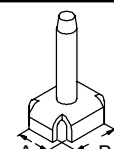
SURFACE MOUNT REMOVAL TIPS

TIP (and application)	DESCRIPTION	TIP SIZE A X B	PART NUMBER
 APPLICATION SOIC 	SOIC - 8 (JEDEC)	0.199" x 0.200" (5.05mm x 5.08mm)	1121-0390-P1
	SOIC - 8 (EIAJ)	0.190" x 0.246" (4.83mm x 6.25mm)	1121-0438-P1
	SOIC - 14 (JEDEC)	0.199" x 0.354" (5.05mm x 8.99mm)	1121-0391-P1
	SOIC - 14 (EIAJ)	0.219" x 0.360" (5.56mm x 9.14mm)	1121-0377-P1
	SOIC - 16 (JEDEC)	0.199" x 0.404" (5.05mm x 10.2mm)	1121-0392-P1
	SOIC - 16 (EIAJ)	0.292" x 0.390" (7.42mm x 9.91mm)	1121-0439-P1
	SOICL - 16 (JEDEC)	0.369" x 0.423" (9.37mm x 10.7mm)	1121-0393-P1
	SOICL - 20 (JEDEC)	0.369" x 0.522" (9.37mm x 13.3mm)	1121-0394-P1
	SOICL - 20 (EIAJ)	0.269" x 0.510" (6.83mm x 13.0mm)	1121-0378-P1
	SOICL - 24 (JEDEC)	0.369" x 0.624" (9.37mm x 15.8mm)	1121-0395-P1
	SOICL - 24 (EIAJ)	0.416" x 0.590" (10.6mm x 15.0mm)	1121-0441-P1
	SOICL - 28 (JEDEC)	0.369" x 0.723" (9.37mm x 18.4mm)	1121-0396-P1
	SOICL - 28 (EIAJ)	0.416" x 0.690" (10.6mm x 17.5mm)	1121-0442-P1
	Flat Blade Tip	A = 0.3" (7.6mm)	1121-0512-P1
		A = 0.4" (10.2mm)	1121-0514-P1
		A = 0.5" (12.7mm)	1121-0473-P1
		A = 0.7" (17.8mm)	1121-0416-P1
		A = 0.8" (20.3mm)	1121-0497-P1
		A = 1.0" (25.4mm)	1121-0448-P1
	Flat Blade Tip	A = 1.25" (31.8mm) (Ext. Blade Height)	1121-0495-P1
		A = 1.5" (38.1mm)	1121-0475-P1
		A = 2.0" (50.8mm)	1121-0477-P1

TIPS FOR PS-80, IR-70 SOLDERING IRONS

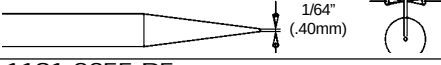
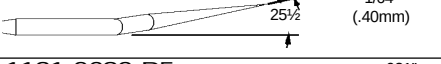
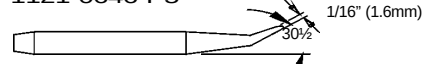
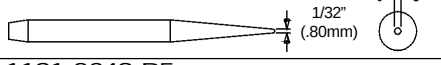
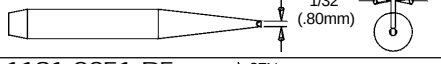
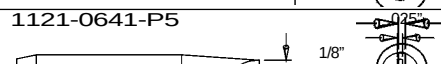
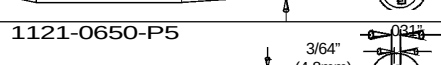
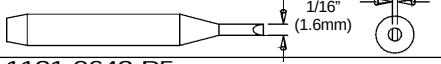
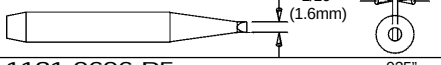
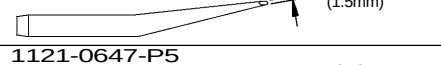
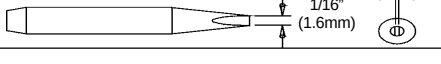
SURFACE MOUNT REMOVAL TIPS

TIP	DESCRIPTION (suggested application)	TIP SIZE A X B	PART NUMBER
	Chip Component 	0.093" x 0.080" (2.36mm x 2.03mm)	1121-0302-P1
		0.14" x 0.08" (3.56mm x 2.03mm)	1121-0303-P1
	SOT-23 	0.063" x 0.12" (1.6mm x 3.05mm)	1121-0304-P1
	TSOP  (Thin Small Outline Pkg.)	0.50" x 0.32" (12.7mm x 8.1mm)	1121-0508-P1
		0.60" x 0.25" (15.2mm x 6.4mm)	1121-0389-P1
		0.76" x 0.32" (19.333mm x 8.1mm)	1121-0403-P1
		0.76" x 0.39" (19.3mm x 9.9mm)	1121-0509-P1
		0.76" x 0.56" (19.3mm x 14.2mm)	1121-0534-P1

TIP	DESCRIPTION (suggested application)	TIP SIZE A X B	PART NUMBER
 Application Socket 	PLCC-20 Socket	0.34" x 0.34" (8.6mm x 8.6mm)	1121-0511-P1
	PLCC-28 Socket	0.45" x 0.45" (11.4mm x 11.4mm)	1121-0481-P1
	PLCC-32 Socket	0.55" x 0.45" (14.0mm x 11.4mm)	1121-0429-P1
	PLCC-44 Socket	0.65" x 0.65" (16.5mm x 16.5mm)	1121-0430-P1
	PLCC-52 Socket	0.75" x 0.75" (19.1mm x 19.1mm)	1121-0431-P1
	PLCC-68 Socket	0.95" x 0.95" (24.1mm x 24.1mm)	1121-0432-P1
	PLCC-84 Socket	1.15" x 1.15" (29.2mm x 29.2mm)	1121-0482-P1
 Application SOJ/SIMMs 	SOJ/SIMMs-18 (4-sided)	0.20" x 0.31" (5.0mm x 7.8mm)	1121-0458-P1
	SOJ/SIMMs-20/24 (2-sided)	0.30" x 0.68" (7.62mm x 17.3mm)	1121-0460-P1
 Application Small PQFP 	PQFP-32	0.33" x 0.33" (8.4mm x 8.4mm)	1121-0443-P1
	PQFP-44/56	0.46" x 0.46" (11.7mm x 11.7mm)	1121-0445-P1
	PQFP-44	0.46" x 0.5" (11.7mm x 12.7mm)	1121-0446-P1

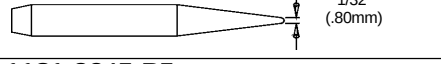
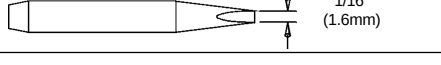
TIPS FOR PS-80 AND IR-70 SOLDERING IRONS

LONG-LIFE SINGLE POINT TIPS With 3/16" Shank Diameter

Tip (w/Part Numbers)	Tip Description	Tip (w/Part Numbers)	Tip Description
1121-0607-P5 	1/64" Conical	1121-0640-P5 	1/16" Chisel Long Reach
1121-0655-P5 	1/64" Bent Conical	1121-0646-P5 	1/16" Bent Chisel Long Reach
1121-0639-P5 	1/32" Conical	1121-0644-P5 	3/32" Chisel
1121-0643-P5 	1/32" Chisel	1121-0641-P5 	1/8" Chisel
1121-0651-P5 	1/32" Bent Chisel	1121-0650-P5 	3/16" Chisel
1121-0649-P5 	1/32" Chisel (MicroFine)	1121-0656-P5 	Single Sided Chisel Fine Pitch
1121-0642-P5 	1/16" Chisel	1121-0647-P5 	Single Sided Chisel
1121-0606-P5 	1/16" Chisel (High Capacity)		

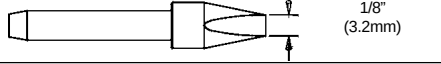
LONG-LIFE SINGLE POINT - EXTENDED REACH TIPS

With 3/16" Shank Diameter, 0.4" Longer than Standard Tips

Tip (w/Part Numbers)	Tip Description
1121-0654-P5 	1/32" Conical
1121-0645-P5 	1/16" Chisel

LONG-LIFE THERMO-DRIVE TIPS

With 3/16" Shank Diameter for maximum heat delivery

Tip (w/Part Numbers)	Tip Description
1121-0653-P5 	1/8" Chisel

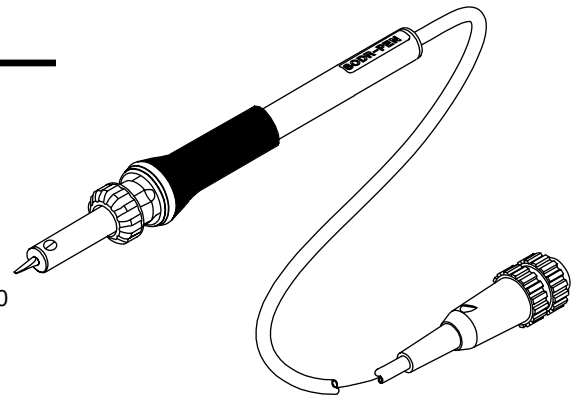
LONG-LIFE SURFACE MOUNT INSTALLATION TIPS

Tip (w/Part Numbers)	Tip Description
1121-0648-P5 	Angled Mini-Wave Tip
1121-0652-P1 	Flat Blade Tip
1121-0657-P5 	Mini-Wave Fine Pitch
1121-0608-P5 	Mini-Wave Standard

SP-1A SODR-PEN (SENSATEMP)

IR-65A, IR-55A, IR-25 SOLDERING IRONS (NON-SENSATEMP)

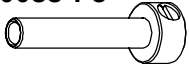
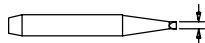
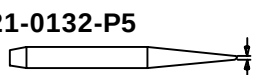
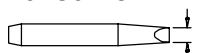
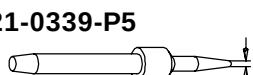
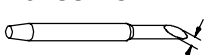
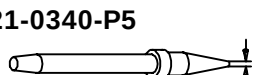
Item Number	Item Description	PACE Part #
1	SP-1A Sodr-Pen	6025-0013-P1
2	SP-1A Kit (Handpiece and Tip & Tool Stand)	6993-0168-P1
3	IR-65A Soldering Iron	6025-0011-P1
4	IR-55A Soldering Iron	6025-0010-P1
Replacement Parts		
6	SP-1A Heater Assembly	6010-0085-P1
7	Retaining Nut	1360-0094-P10
8	IR-65A Heater Assembly	6010-0076-P1
9	IR-55A Heater Assembly	6010-0075-P1



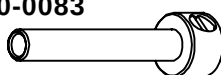
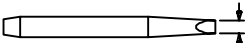
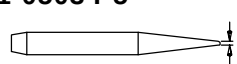
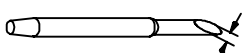
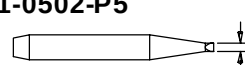
SP-1A comes standard with 1121-0502 tip.

TIPS FOR SP-1A, IR-65A, IR-55A, AND IR-25 HANDPIECES

TIPS WITH 1/8" SHANK DIAMETER (2.0" LONG)

TIP w/PART NUMBER	TIP DESCRIPTION	TIP w/PART NUMBER	TIP DESCRIPTION
1360-0083-P5 	ADAPTIP *	1121-0131-P5 	1/16" (1.6mm) Chisel
1121-0132-P5 	1/32" Conical	1121-0130-P5 	1/8" (3.2mm) Chisel
1121-0339-P5 	1/32" Conical (MicroFine)	1121-0238-P5 	3/32" (2.4mm) Single Sided Chisel
1121-0340-P5 	1/32" Conical (High Capacity)	* All 1/8" tips may be used on the PS-80, SP-2A, or IR-70 Soldering Irons with the use of the AdapTip.	

TIPS WITH 1/8" SHANK DIAMETER (1.65" LONG)

TIP w/PART NUMBER	TIP DESCRIPTION	TIP w/PART NUMBER	TIP DESCRIPTION
1360-0083 	ADAPTIP *	1121-0501-P5 	1/8" (3.2mm) Chisel
1121-0503-P5 	1/32" Conical	1121-0504-P5 	3/32" (2.4mm) Single Sided Chisel
1121-0502-P5 	1/16" Chisel	* All 1/8" tips may be used on the PS-80, SP-2A, or IR-70 Soldering Irons with the use of the AdapTip.	