















SensaTemp Handpiece Tips

Sodr-X-Tractor Tips

Tip Selection: One of the most important aspects for successful solder removal is the selection of the proper size tip. There are several points to keep in mind.

1. The Inside Diameter (I.D.) of the tip must be large enough to fit over the lead, while providing sufficient room so that air and solder can be drawn through the tip.
2. The Outside Diameter (O.D.) of the tip must be slightly smaller than the diameter of the pad to prevent tip contact to the board laminate and minimize the possibility of damage.

TIPS	DESCRIPTION	DIAMETER	PART NUMBERS
Endura Desoldering Tips for the SX-80 and SX-70			
	Thermo-Drive	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0625-P5
	Thermo-Drive	1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0624-P5
	Thermo-Drive	1.52mm (0.060") I.D. X 3.05mm (0.120") O.D.	1121-0626-P5
	Thermo-Drive	2.29mm (0.090") I.D. X 5.1mm (0.200") O.D.	1121-0627-P5
	Thermo-Drive, Flathead	(0.050") x (0.090") I.D. X (0.110") x (0.190") O.D.	1121-0821-P5
	Extended Reach Thermo-Drive	0.76mm (0.030") I.D. X 2.29mm (0.090") O.D.	1121-0628-P5
	Extended Reach Thermo-Drive	1.02mm (0.040") I.D. X 2.54mm (0.10") O.D.	1121-0629-P5
	Extended Reach Thermo-Drive	1.52mm (0.060") I.D. X 3.05mm (0.120") O.D.	1121-0630-P5
	Precision	0.50mm (0.020") I.D. X 1.79mm (0.070") O.D.	1121-0680-P5
	Precision	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0678-P5
	Precision	1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0679-P5
	Precision	1.52mm (0.060") I.D. X 2.79mm (0.110") O.D.	1121-0690-P5
	Precision	2.29mm (0.090") I.D. X 3.55mm (0.140") O.D.	1121-0695-P5
	Flo-D-Sodr	1.52mm (0.060") I.D. X 4.78mm (0.188") O.D.	1121-0631-P5
	Flo-D-Sodr, Precision	0.50mm (0.020") I.D. X 1.78mm (0.070") O.D.	1121-0681-P5
	Flo-D-Sodr, Precision	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0682-P5
	Flo-D-Sodr, Precision	1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0683-P5
	SX-70 Thermo-Drive Desoldering Tip (Cannot be used in the SX-80) Tip (3/16" Shank Diameter)		
		0.76mm (0.030") I.D. x 1.52mm (0.060") O.D.	1121-0367-P5
		1.02mm (0.040") I.D. x 1.78mm (0.070") O.D.	1121-0342-P5
		1.52mm (0.060") I.D. x 2.54mm (0.100") O.D.	1121-0368-P5
		2.29mm (0.090") I.D. x 4.8mm (0.190") O.D.	1121-0507-P5
	SX-70 Extended Reach Thermo-Drive Desoldering Tip (Cannot be used in the SX-80) Tip (3/16" Shank Diameter)		
		0.76mm (0.030") I.D. x 1.91mm (0.075") O.D.	1121-0505-P5
		1.02mm (0.040") I.D. x 2.16mm (0.085") O.D.	1121-0494-P5
		1.52mm (0.060") I.D. x 2.69mm (0.106") O.D.	1121-0506-P5
	SX-70 Long-Life Desoldering Tips (Cannot be used in the SX-80) Tip (3/16" Shank Diameter)		
		0.76mm (0.030") I.D. x 1.91mm (0.075") O.D.	1121-0462-P5
		1.02mm (0.040") I.D. x 2.16mm (0.085") O.D.	1121-0463-P5
		1.52mm (0.060") I.D. x 2.69mm (0.106") O.D.	1121-0464-P5
	SX-70 Flo-D-Sodr Tips (Cannot be used in the SX-80)		
	Tips (3/16" Shank Diameter)	1.52mm (0.060") I.D. x 4.77mm (0.188") O.D.	1121-0369-P5
	Long-Life Tip	1.52mm (0.060") I.D. x 4.98mm (0.196") O.D.	1121-0465-P5

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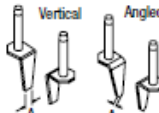
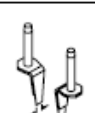

TIPS	DESCRIPTION	TIP SIZE A X B	PART NUMBERS		
SX-80 and SX-70 Surface Mount Removal Pik-Tips					
	TQFP-28	8.2mm x 8.2mm (0.322" x 0.322")	1121-0571-P1		
	TQFP-32	8.7mm x 8.7mm (0.344" x 0.344")	1121-0572-P1		
	TQFP-52	12.0mm x 12.0mm (0.472" x 0.472")	1121-0573-P1		
	TQFP-40	12.0mm x 12.0mm (0.472" x 0.472")	1121-0574-P1		
	TQFP-80	13.2mm x 13.2mm (0.520" x 0.520")	1121-0575-P1		
	TQFP-80/100	15.3mm x 15.3mm (0.604" x 0.604")	1121-0576-P1		
	TQFP-144	21.6mm x 21.6mm (0.85" x 0.85")	1121-0604-P1		
	TQFP-112	22.1mm x 22.1mm (0.87" x 0.87")	1121-0605-P1		
	PQFP-80/100	16.8mm x 22.9mm (0.66" x 0.90")	1121-0603-P1		
	TSOP-28	8.1mm x 12.7mm (0.320" x 0.500")	1121-0567-P1		
TSOP-32	8.1mm x 19.3mm (0.320" x 0.760")	1121-0566-P1			
TSOP-40	9.9mm x 19.3mm (0.390" x 0.760")	1121-0568-P1			
TSOP-56	14.2mm x 19.3mm (0.560" x 0.760")	1121-0569-P1			
DESCRIPTION	DIAMETER		PART NUMBERS		
Micro Tips for SX-65A/55A/55 60 Watt/40A Handpieces					
3.175mm (1/8") O.D.	0.76mm (0.030")		1121-0253-P5		
	0.76mm (0.030") - Thin Wall		1121-0485-P5		
	1.02mm (0.040")		1121-0254-P5		
	1.02mm (0.040") - Thin Wall		1121-0486-P5		
	1.52mm (0.060")		1121-0255-P5		
	0.76mm (0.030")		1121-0261-P5		
	1.02mm (0.040")		1121-0262-P5		
1.52mm (0.060")		1121-0267-P5			
ADAPTIP*	*Allows all 3.175mm (1/8") shank Micro Tips to be used with the SX-70 Sodr-X-Tractor.		1360-0083-P1 1360-0083-P5		
	I.D. NOMINAL		O.D. REFERENCE	PART NUMBERS	
	Super Tips for SX-25/SX-25V/SX-20 Sodr-X-Tractors only				
	in.	mm	in.	mm	
	0.020	0.51	0.053	1.34	1121-0213-P25
	0.030	0.76	0.080	2.03	1121-0214-P25
	0.030	0.76	0.070	1.78	1121-0480-P25
	0.040	1.02	0.080	2.03	1121-0215-P25
	0.040	1.02	0.070	1.78	1121-0479-P25
	0.050	1.27	0.085	2.16	1121-0216-P25
	0.060	1.52	0.104	2.64	1121-0217-P25
	0.090	2.29	0.125	3.17	1121-0091-P25

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Tips

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TIPS	DESCRIPTION	TIP SIZE	PART NUMBERS
 <p>Vertical Angled</p> <p>Standard Wall: Thickness = 1.3mm (0.050")</p> <p>Application Chip Component</p>	Tips for TT-65 Handpiece		
	Surface Mount Component Removal Tips		
	Chip Component (vertical)	A=0.76mm (0.03")	1121-0398-P1
	Chip Component (vertical)	A=2.0mm (0.08")	1121-0313-P1
	Chip Component (vertical)	A=4.1mm (0.16")	1121-0399-P1
 <p>Thin-Wall: Thickness = 0.43mm (0.017")</p>	Chip Component (vertical) Small SOIC	A=6.4mm (0.25")	1121-0401-P1
	45° Angled Chip Component	A=2.54mm (0.10")	1121-0436-P1
	Thin-Walled Chip Component (vertical)	A=0.76mm (0.03")	1121-0520-P1
	Thin-Walled Chip Component (vertical)	A=2.0mm (0.08")	1121-0521-P1
 <p>Application Chip Component</p>	Thin-Walled Chip Component (vertical)	A=4.1mm (0.16")	1121-0522-P1
	Thin-Walled Chip Component and Small SOIC (vertical)	A=6.4mm (0.25")	1121-0523-P1
	1/64" Angled Fine Point Conical Chip Component	A=0.43mm (0.017")	1121-0517-P1

