

IDC tool LPC series, HKP series

Tools
IDC

Series name		LPC series			HKP series
Name of crimping tool		KP-339S	KP-339N	KP-339L	KP-309
Part number		LPC-F113S-50R LPC-F113S-500R LPC-F114S-50R LPC-F114S-500R	LPC-F113N-50R LPC-F113N-500R LPC-F114N-50R LPC-F114N-500R	LPC-F113L-50R LPC-F113L-500R LPC-F114L-50R LPC-F114L-500R	HKP-F113 HKP-F413
For use with wire size		AWG #32	AWG #28 ∟ AWG #32	AWG #22 ∟ AWG #26	AWG #24 ∟ AWG #28
Max outside diameter		ø0.6	ø1.0	ø1.1	ø1.5
Extraction tool		LPC-RF			HKP-KF
Strip length		1.8 ^{±0.2}			4.0 ^{±0.3}
Tensile strength		#32 4.4N MIN.	#32 4.4N MIN. #30 4.9N MIN. #28 12.7N MIN.	#26 21.6N MIN. #24 35.3N MIN. #22 52.9N MIN.	#24 35.3N MIN. #26 21.6N MIN. #28 12.7N MIN.
Crimp height	AWG #14				
	AWG #16				
	AWG #18				
	AWG #20				
	AWG #22			0.79mm ∟ 0.83mm	
	AWG #24			0.77mm ∟ 0.81mm	0.76mm ∟ 0.82mm
	AWG #26			0.75mm ∟ 0.79mm	0.74mm ∟ 0.80mm
	AWG #28		0.61mm ∟ 0.65mm		0.71mm ∟ 0.77mm
	AWG #30		0.58mm ∟ 0.62mm		
	AWG #32	0.56mm ∟ 0.60mm	0.56mm ∟ 0.60mm		

IDC tool HKP series, MRP series

Tools
IDC

Series name		HKP series (Thin cable)	Mini HKP series	Mini HKP series (Thin cable)	MRP series	
Name of crimping tool		KP-309D	KP-325	KP-325D	KP-308	
Part number		HKP-F213A HKP-F313A	HKP-F513B HKP-F613B	HKP-F713B	MRP-F112 MRP-F113	MRP-M112 MRP-M113
For use with wire size		AWG #28 └ AWG #32	AWG #24 └ AWG #28	AWG #28 └ AWG #32	AWG#24 └ AWG#28	
Max outside diameter		ø0.8	ø1.5	ø0.8	ø1.5	
Extraction tool		HKP-KF	HKP-RF		MRP-MF	
Strip length		4.0 ^{±0.3}	4.5 ^{±0.3}		3.7 ^{±0.3}	
Tensile strength		#28 12.7N MIN. #30 5.9N MIN. #32 4.4N MIN.	#24 35.3N MIN. #26 21.6N MIN. #28 12.7N MIN.	#28 12.7N MIN. #30 5.9N MIN. #32 4.4N MIN.	#24 35.3N MIN. #26 21.6N MIN. #28 12.7N MIN.	
Crimp height	AWG #14					
	AWG #16					
	AWG #18					
	AWG #20					
	AWG #22					
	AWG #24		0.81mm └ 0.87mm		0.85mm └ 0.91mm	
	AWG #26		0.77mm └ 0.83mm		0.81mm └ 0.87mm	
	AWG #28	0.67mm └ 0.72mm	0.74mm └ 0.80mm	0.68mm └ 0.74mm	0.78mm └ 0.84mm	
	AWG #30	0.65mm └ 0.69mm		0.66mm └ 0.72mm		
	AWG #32	0.63mm └ 0.67mm		0.64mm └ 0.70mm		

Others
**Wire
wrapping**
Crimping
Soldering
IDC
Press-in
SMT
**Through
hole**