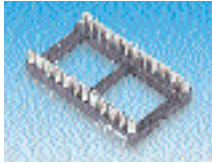


Component DIL Headers — Continued

14 Way to 40 Way, Turned Pin – D62 Series **HARWIN**



Slotted DIL headers with precision turned contacts, for use in either board-to-board interconnection or for mounting small discrete components. May be used with corresponding DIL socket. Body is black glass filled polyester to **UL94V-0**, contacts are brass with tin on nickel finish.

H (above PCB) = 6.14

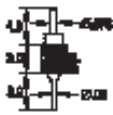
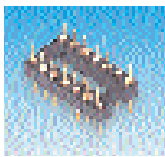
Pin spacing 0.1" (2.54mm) Temperature range -55°C to +150°C
 Row spacing 0.3" (7.62mm) 14, 16, 20 pin 0.6" (15.24mm) 24, 28, 40 pin

Mfrs. List No. D62xx-01, where xx = No of ways

25

	Order Code	1+	100+	250+	500+	1000+
14 way	.176-361					
16 way	.176-362					
20 way	.176-363					
24 way	.176-364					
28 way	.176-365					
40 way	.176-366					

DIL Through Headers – Turned Pin **HARWIN**



DIL through headers with precision machined brass pins, for use as either through- connect headers or as miniature connectors in conjunction with DIL sockets. Body is black glass filled polyester to **UL94V-0**, contacts have tin/lead or gold finish.

Mfrs. List No. D92xx-01 (tin/lead), D92xx-05 (gold), where xx = No of ways

26

	Contacts	Order Code	1+	25+	100+	500+
14 way	Tin/Lead	177-852				
14 way	Gold	177-853				
16 way	Tin/Lead	177-854				
16 way	Gold	177-855				3

IC Installation and Extraction Tools

DIL IC Desoldering Tool

TERMINAL



- Applies constant pulling force on DIL packages
- Hands-free operation
- 0.3" and 0.6" row spacing sizes
- Precision, high quality metal construction
- Static-safe

Mfrs. List No. TW2030-14/24 = 877-591,
 TW2030-24/28 = 877-608

236

	Row Spacing	Order Code	1+	5+	25+
14 to 24 way	0.3"	877-591			
24 to 28 way	0.6"	877-608			

Lead Alignment Hand Tool



- 2 sizes
- Rugged construction
- Simple to use, single-handed operation
- Locating rails guide leads through pre-forming rollers
- Static-safe earthing tag
- Adjustable for varying lead thicknesses

175-680: H = 22, W = 95, D = 64
 175-681: H = 23, W = 108, D = 64

27

	Order Code	1+	10+	25+
Row Spacing 0.3" and 0.6"	175-680			
0.4" and 0.9"	175-681			

Lead Alignment Hand Tool



- Straightens bent pins
- Aligns 0.3" (7.62mm) and 0.6" (15.24mm) row spacing IC pins
- Accepts DIL ICs up to 48 pin (63.5mm length)
- Simple squeeze-to-operate
- Static safe

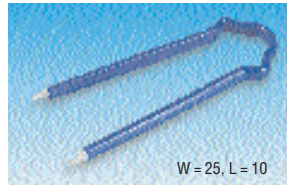
Mfrs. List No. T516AS



Order Code	1+	Price Each	10+	25+
175-657				9

28

DIL Extraction Tool



W = 25, L = 10

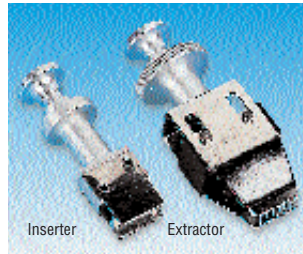
A simple robust IC extraction tool manufactured from stainless steel with a soft plastic cover for increased grip. Suitable for use on DIL packages from 6 to 28 leads.

111

Order Code	1+	Price Each	10+	25+
109-152				

DIL IC Inserters and Extractors

TERMINAL



Inserter

Extractor

- Durable, high quality metal construction
- Static safe
- Precision lifting/lowering mechanism prevents IC pin damage
- Extractor requires :
 1mm min. clearance underneath the IC
 3mm min. clearance between adjacent ICs

Mfrs. List No. TW2100-14 = 877-463, TW2100-24/3 = 877-499, TW2000-14/20 = 877-426, TW2000-40 = 877-451,
 TW2100-16 = 877-475, TW2100-24/6 = 877-505, TW2000-22 = 877-438,
 TW2100-22 = 877-487, TW2100-40 = 877-517, TW2000-24 = 877-440, TW2000-40 = 877-451.

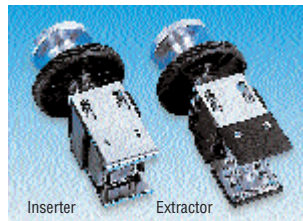
238

	IC Row Spacing	Order Code	1+	5+	25+
Inserters	14 way 0.3"	877-463			
	16 way 0.3"	877-475			
	22 way 0.4"	877-487 †			
	24 way 0.3"	877-499			
	24/28 way 0.6"	877-505			
	40 way 0.6"	877-517			
Extractors	14 to 20 way 0.3"	877-426			
	22 way 0.4"	877-438 †			
	24/28way 0.6"	877-440			
	40/48 way 0.6"	877-451			

† Available until stocks are exhausted

PGA IC Inserters and Extractors

TERMINAL



Inserter

Extractor

- Durable, high quality metal construction
- Extractor support brackets protect pcbs
- Static safe
- Large knurled disc raises/lowers the package
- Plunger-action jaws locate the PGA
- Prevents multi-pin PGA package damaged

Mfrs. List No. TW2061 = 877-566, TW2011 = 877-530,
 TW2063 = 877-578, TW2013 = 877-542,
 TW2067 = 877-580, TW2017 = 877-554

234

PGA Matrix	Order Code	1+	5+	25+
Inserters				
11 11	877-566 †			
13 13	877-578 †			
17 17	877-580 †			
Extractors				
11 11	877-530 †			
13 13	877-542 †			
17 17	877-554 †			

† Available until stocks are exhausted