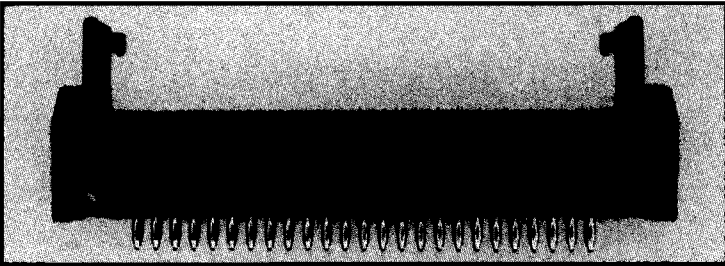


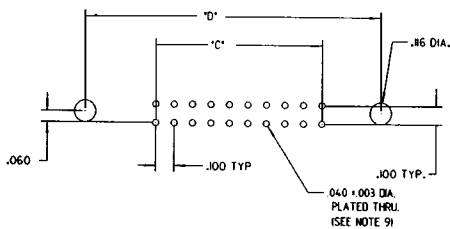
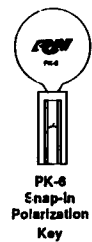
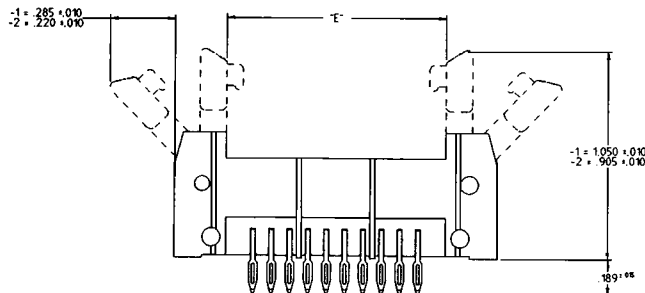
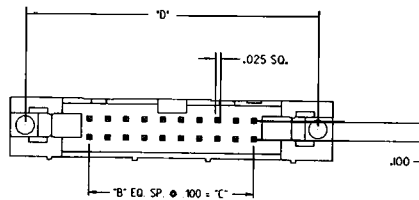
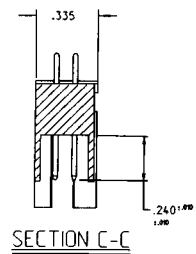
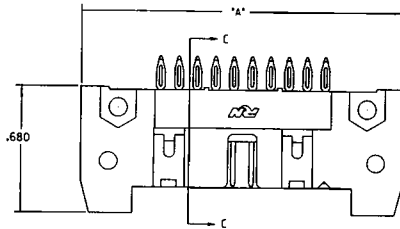
## 4 Sided Press-Fit Headers .025" Sq. Post

IDH-PK Series

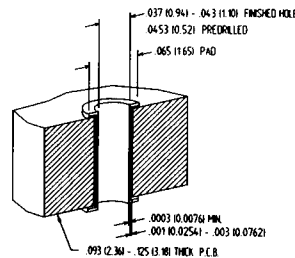


- MIL-C-83503, DIN 41651 and BT-224 Compatible
- FLEXPRESS® compliant pin permits solderless mounting
- 4-sided body provides complete pin protection and polarization
- Available with ROBEX® better-than-gold plating

Number of Contacts	A	B	C	D
10	1.260 (32.00)	4	.400 (10.16)	1.100 (27.94)
14	1.460 (37.08)	6	.600 (15.24)	1.300 (33.02)
16	1.560 (39.62)	7	.700 (17.78)	1.400 (35.56)
20	1.760 (44.70)	9	.900 (22.86)	1.600 (40.64)
26	2.060 (52.32)	12	1.200 (30.48)	1.900 (48.26)
34	2.460 (62.48)	16	1.600 (40.64)	2.300 (58.42)
40	2.760 (70.10)	19	1.900 (48.26)	2.600 (66.04)
50	3.260 (82.80)	24	2.400 (60.96)	3.100 (78.74)
60	3.760 (95.50)	29	2.900 (73.66)	3.600 (91.44)



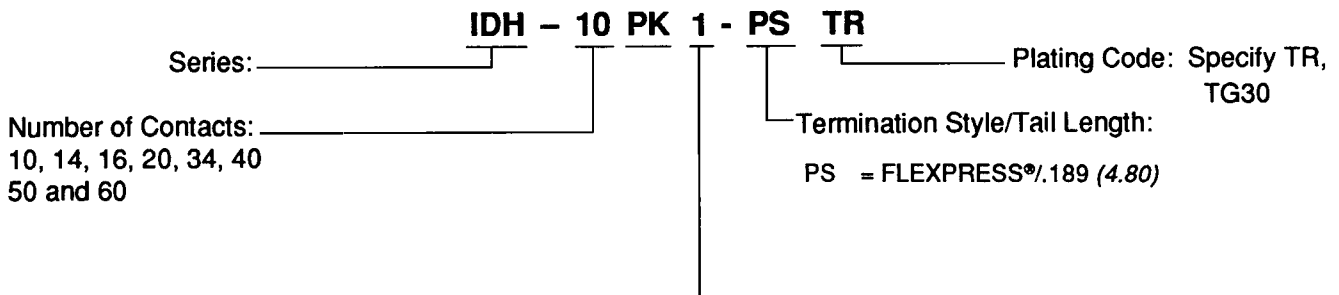
MOUNTING HOLE PATTERN



P.C.B. HOLE SPECIFICATIONS FOR COMPLIANT PIN INSTALLATION

DIN/HDC  
BACKPLANE

## How to Order IDH-PK Series



### Header Options:

- Blank = Without Latches
- 1 = EL-1K Ejector Latches Installed
- 2 = EL-2K Ejector Latches Installed

**For application push tooling, see page 180.  
Order number IDH-PT-XX (XX = Circuit Size (10,-60).**

### HEADER ACCESSORIES

**These accessories for the IDH Series may be ordered as separate items:**

**Polarization Keys - PK-6**

**Long Ejector Latches - EL-1K**

**Short Ejector Latches - EL-2K**

### Materials:

**Body:** Glass-filled, black polyester  
**Contact:** Copper Alloy

### Mounting

**FLEXPRESS® Recommended  
Plated Thru Hole**

- .0453 ± .001 (1.15 ± .0254) DIA
- .0460 (1.17) Maximum aafter etchback
- .001 (.0254) Minimum copper plating thickness
- .0003 (.0076) Minimum tin plating thickness
- .040 ± .003 (1.02 ± .0762) finished PTH DIA

### Performance

#### Characteristics:

- Temperature Range:** -65 C to + 105 C
- Contact Resistance:** 20 Milliohms Max.
- Insulation Resistance:** 5000 Megaohms Min.
- Dielectric Withstand Voltage:** 500 volts DC
- Current Rating:** 1 Ampere at 100 C ambient
- Flammability:** UL 94V-0

### Plating Description:

- Suffix TR =** 10 μinch (.254μm) minimum  
ROBEX® on contact area.  
100 μinch (2.54 μm) minimum  
Tin on terminal area.
- TG30 =** 30 μinch (.762 μm) minimum  
ROBEX® on contact area.  
100 μinch (2.54 μm) minimum  
Tin on terminal area.

All options include an underplate of 50 μinch (1.27 μm) minimum Nickel.