

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 2 to 16 circuits
- Feed-to and feed-through versions
- Molded-in strain reliefs
- Optional covers, polarizing keys and pegs
- 3-point contact Trifurcon contacts preloaded in housing
- Terminals available with Gold plating (contact Molex for details)

### Reference Information

Product Specification: PS-7660

Packaging: Bag

Tooling Information: See IDT tooling section

UL File No.: E29179

CSA File No.: LR19980

TUV File No.: R75108

Mates With: 41661, 41662, 41671, 41672, 41681, 41682, 41741, 41761, 41771, 41772, 41791 and 41792 headers

Use Molex Cable: 7382, 7517, 8868 and 40174

Designed In: Inches

### Electrical

Voltage: 250V

Current: 5.0A (22, 20 and 18 AWG)

Contact Resistance: 20mΩ max.

Dielectric Withstanding Voltage: 2000V AC

Insulation Resistance: 200 MΩ min.

### Mechanical

Contact Retention to Housing: 8 lb min.

Wire Pull-Out Force:

AWG	18	20	22	24
Horizontal (lb)	20.0	17.0	12.7	8.0
Vertical (lb)	5.0	3.8	3.5	2.4

Mating Force: 2.5 lb max.

Unmating Force: 1.2 lb max.

### Physical

Housing: Nylon, UL 94V-2

Contact: Brass

Plating: Tin

Operating Temperature: 0 to +75°C

Wire Range: 1.14mm (.045") to 2.41mm (.095") OD solid or stranded



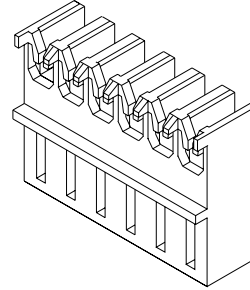
# 3.96mm (.156") Pitch KK<sup>®</sup>

## Connector

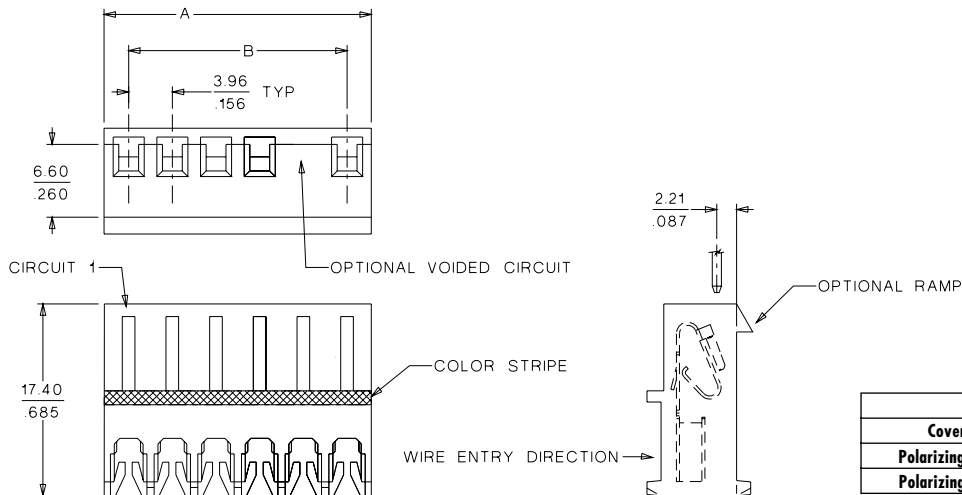
### 7674

### IDT

### Trifurcon<sup>™</sup> Contact



## CATALOG DRAWING (FOR REFERENCE ONLY)



	Order No.
Cover	15-05-7XX4
Polarizing Key	15-04-0288
Polarizing Peg	15-04-0291

## ORDERING INFORMATION AND DIMENSIONS

Order No.		Style	Color	Types of Wire Terminated
With Locking Ramp	Without Locking Ramp			
09-06-0XX0	09-07-0XX0	Feed-to	Yellow	18 AWG solid or fused stranded
09-06-0XX9	09-07-0XX9	Feed-through		
09-06-1XX0	09-07-1XX0	Feed-to	Red	20 AWG solid or fused stranded, and 18 AWG stranded wire
09-06-1XX9	09-07-1XX9	Feed-through		
09-06-2XX0	09-07-2XX0	Feed-to	Blue	20 AWG stranded wire
09-06-2XX9	09-07-2XX9	Feed-through		
09-06-3XX0	09-07-3XX0	Feed-to	Green	26 and 27 AWG stranded, fused stranded, and 24 AWG stranded wire
09-06-3XX9	09-07-3XX9	Feed-through		
09-06-5XX0	09-07-5XX0	Feed-to	Black	24 and 22 AWG solid or fused stranded, and 22 AWG stranded wire
09-06-5XX9	09-07-5XX9	Feed-through		

Replace XX with no. of circuits required, 02-16

Circuits	Dimension	
	A	B
2	8.38 (.330)	3.96 (.156)
3	12.34 (.486)	7.92 (.312)
4	16.31 (.642)	11.89 (.468)
5	20.27 (.798)	15.85 (.624)
6	24.23 (.954)	19.81 (.780)

Circuits	Dimension	
	A	B
7	28.19 (1.110)	23.77 (.936)
8	32.16 (1.266)	27.74 (1.092)
9	36.12 (1.422)	31.70 (1.248)
10	40.08 (1.578)	35.66 (1.404)

Circuits	Dimension	
	A	B
11	44.04 (1.734)	39.62 (1.560)
12	48.00 (1.890)	43.59 (1.716)
13	51.97 (2.046)	47.55 (1.872)
14	55.93 (2.202)	51.51 (2.028)

Circuits	Dimension	
	A	B
15	59.89 (2.358)	55.47 (2.184)
16	63.86 (2.514)	59.44 (2.340)

\* Contact Molex for ordering information

Note: Some wires require deviation from chart