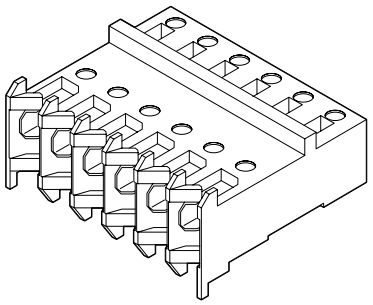
FEATURES AND SPECIFICATIONS

2.54mm (.100") Pitch KK® Connector

7720

24, 26 or 28 AWG, IDT Double Cantilever Contact



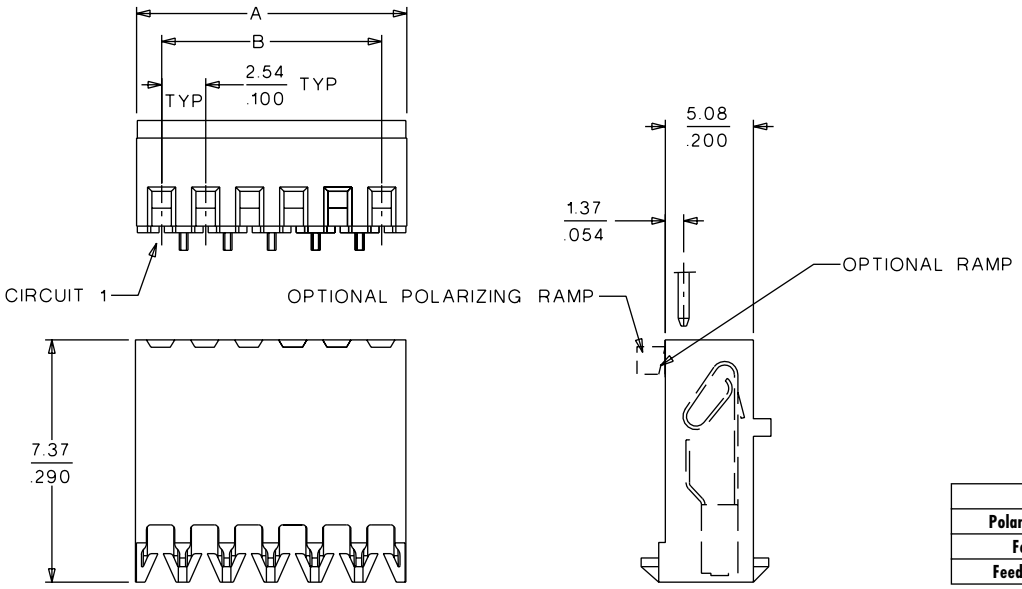
Features and Benefits
- Sizes 2 to 28 circuits
- 4 points of contact on conductor
- Feed-to and feed-through versions available
- Standard with locking ramp
- End-to-end polarization optional
- Molded-in strain reliefs

Reference Information
Product Specification: PS-7690
Packaging: Bag
Tooling Information: See crimp tooling section
UL File No.: E29179
CSA File No.: LR19980
Mates With: Molex KK 2.54mm (.100") pitch headers and 0.64mm (.025") pins
Use Molex Cable: 7234, 7307, 7767, 8996, 8997, 24214 and 24241
Designed In: Inches

Electrical
Voltage: 250V
Current: 3.5A max. (24 AWG)
Contact Resistance: 20mΩ max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 200K MΩ min.

Mechanical
Contact Retention to Housing: 6 lb min.
Mating Force: 255g max.
Unmating Force: 85g min.
Normal Force: 6.5 oz min.

Physical
Housing: Natural nylon, UL 94V-2
Contact: Phosphor Bronze
Plating: Tin or Gold
Temperature: 0 to +75˚C
Wire Range: 0.76 to 1.52mm (.030 to .060") OD max. (Discrete Wire) and 0.76 to 1.27mm (.030 to .050") OD max. (mass termination)



	Order No.
Polarizing Key	15-04-0292
Feed To	15-05-8XX7
Feed Through	15-05-8XX5

ORDERING INFORMATION AND DIMENSIONS

Order No.												Color	Type of Wire Terminated
Feed-Through						Feed-To							
Without Ramp		With Ramp		With Polarized Ramp		Without Ramp		With Ramp		With Polarized Ramp			
Tin	Gold	Tin	Gold	Tin	Gold	Tin	Gold	Tin	Gold	Tin	Gold		
22-26-7XX1	22-45-7XX3	22-26-8XX1	22-45-8XX1	22-26-9XX1	22-45-9XX1	22-41-3XX1	22-45-7XX9	22-41-4XX1	22-45-7XX4	22-41-5XX1	22-45-7XX7	Brown	26 AWG stranded or solid, and 28 AWG solid, stranded or fused
22-26-7XX2	22-45-7XX5	22-26-8XX2	22-45-8XX2	22-26-9XX2	22-45-9XX2	22-41-3XX2	22-45-8XX7	22-41-4XX2	22-45-7XX6	22-41-5XX2	22-45-7XX8	Green	24 AWG stranded, solid, fused, topcoat, and 26 AWG fused and topcoat
Replace XX with number of circuits, 02 to 28													

Circuits	Dimension	
	A	B
2	5.44 (.214)	2.54 (.100)
3	7.98 (.314)	5.08 (.200)
4	10.52 (.414)	7.62 (.300)
5	13.06 (.514)	10.16 (.400)
6	15.60 (.614)	12.70 (.500)
7	18.14 (.714)	15.24 (.600)
8	20.68 (.814)	17.78 (.700)

Circuits	Dimension	
	A	B
9	23.22 (.914)	20.32 (.800)
10	25.76 (1.014)	22.86 (.900)
11	28.30 (1.114)	25.40 (1.000)
12	30.84 (1.214)	27.94 (1.100)
13	33.38 (1.314)	30.48 (1.200)
14	35.92 (1.414)	33.02 (1.300)
15	38.46 (1.514)	35.56 (1.400)

Circuits	Dimension	
	A	B
16	41.00 (1.614)	38.10 (1.500)
17	43.54 (1.714)	40.64 (1.600)
18	46.08 (1.814)	43.18 (1.700)
19	48.62 (1.914)	45.72 (1.800)
20	51.16 (2.014)	48.26 (1.900)
21	53.70 (2.114)	50.80 (2.000)
22	56.24 (2.214)	53.34 (2.100)

Circuits	Dimension	
	A	B
23	58.78 (2.314)	55.88 (2.200)
24	61.32 (2.414)	58.42 (2.300)
25	63.86 (2.514)	60.96 (2.400)
26	66.40 (2.614)	63.50 (2.500)
27	68.94 (2.714)	66.04 (2.600)
28	71.48 (2.814)	68.58 (2.700)

Note: Some wires require deviation from chart