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Part Number: 71690-2707

4.20mm Mini-Fit® IDT Plug, Single Row, Gold (Au), 18 AWG Wire, 6 Circuits

Status:	**OBSOLETE**
Replacement:	NONE
Series:	71690
Category:	IDT and Solder Connectors

Image not available

Series image - Reference only

Mates With Part(s):
5557, 71694

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant
China RoHS: ☺
REACH SVHC: Not Reviewed
Low-Halogen Status: Not Reviewed

Part Detail

General

Status	Obsolete
Category	IDT and Solder Connectors
Series	71690
Obsolete Date	2006/05/01
Product Name	Mini-Fit® IDT
Use With	711610601 Feed-Through Cover, 711610602 Feed-to Cover

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-0
Gender	Male
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.20mm
Plating min - Mating	0.381µm
Plating min - Termination	3.810µm
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	18

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	7A
Voltage - Maximum	600V

Agency Certification

CSA	LR19980
UL	E29179

Material Info

UPC	800755010695

Reference - Drawing Numbers

Product Specification	PS-71690-001
Sales Drawing	SDA-71690-****, SMES-71690-0000

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
IDT - Semi-automatic - Bench-Top Terminator	0623000200
IDT - Manual - Tool Kit	0011390277
IDT - Manual - Handtool	0011390303

Crimp Quality Equipment
Molex also offers wire strippers, pull testers, shut-height gauges, micro-meters and more

Previously Available Application Tooling
Check our list of old tooling that used to be available for this part