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Part Number:

0716903507

Status:

Obsolete

Description:

4.20mm (.165") Mini-Fit® IDT Plug, Single Row, Gold (Au), 18 AWG Wire, 8 Circuits

Replacement Part Number:

NONE

Documents:

Drawing (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	IDT and Solder Connectors
Series	71690
Crimp Quality Equipment	Yes
Obsolete Date	2006/05/01
Product Name	Mini-Fit® IDT
Replacement Part Number	NONE
Use With	71161-0801 Feed-Through Cover, 71161-0802 Feed-to Cover
Physical	
Circuits (Loaded)	8
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 (.165")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	3.810µm (150µ")
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	18
Electrical	
Current - Maximum per Contact	7A
Voltage - Maximum	600V
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-71690-001
Sales Drawing	SDA-71690-****, SMES-71690-0000

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

71690Series

Mates With

5557 , 71694

Application Tooling | FAQ

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

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