

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0524840510](#)  
**Status:** **Active**  
**Description:** 2.0 W/B CONN. IDT REC. HSG ASSY

**Documents:**

[3D Model](#) [Application Specification AS-52484-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family IDT and Solder Connectors  
 Series [52484](#)  
 Crimp Quality Equipment Yes  
 Product Name Mi II™  
 UPC 800754367745

**Physical**

Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 Flammability 94V-0  
 Gender Female  
 Glow-Wire Compliant No  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 301.700/mg  
 Number of Rows 1  
 Packaging Type Bag  
 Panel Mount No  
 Pitch - Mating Interface 2.00mm  
 Plating min - Mating 0.914µm  
 Plating min - Termination 0.914µm  
 Temperature Range - Operating -40°C to +105°C  
 Wire Insulation Diameter 0.85-1.05mm  
 Wire Size AWG 26, 28

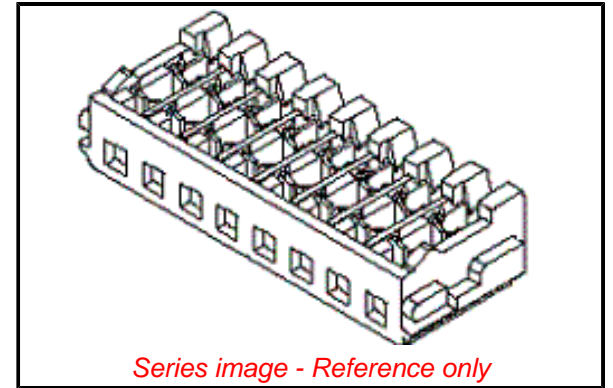
**Electrical**

Current - Maximum per Contact 1.5A  
 Voltage - Maximum 125V

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-52484-001-001  
 Sales Drawing SD-52484-008



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[52484 Series](#)

**Mates With**

[51206](#) , [53313](#) , [55460](#) , [53358](#) , [53324](#) ,  
[53325](#)

**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 System Hand Tool	<a href="#">0621009900</a>

**Japan**

Description	Product #
Hand Crimper	<a href="#">0573255000</a>

Fully-Automated IDT 0578008000  
Machine (XELOM-  
PLUS)  
Fully-Automated IDT 0578008400  
Machine (XELOM-  
PLUS)  
Fully-Automated IDT 0578258000  
Machine (XELOM-  
SIMPLE)  
IDT Bench-Top 0578657000  
Terminator  
IDT Bench-Top 0572257100  
Terminator (Small  
Type)

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