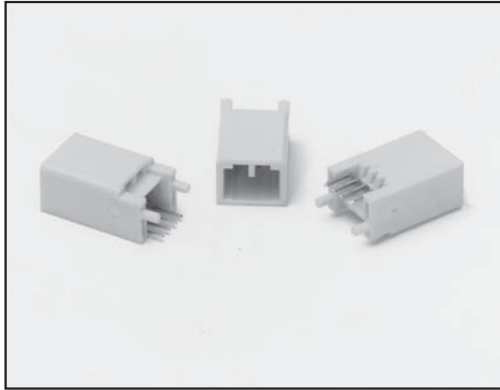


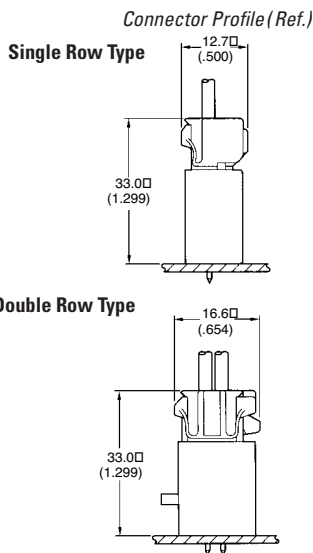
IL-AG6 SERIES AUTOMOTIVE CONNECTORS

025 Crimp Contacts, PCB-to-Cable/Cable-to-Cable Applications



FEATURES

- Straight pin header to prevent solder crack
- Mating side is IL-AG5 Series
- Designed for automotive instrument panel applications
- Mechanical lock assures positive mating
- Unique housing configuration helps prevent mismatching
- Double locking mechanism prevents dislodging of contacts



• Please consult JAE for verification of product availability.
 Dimensions in mm (inches).



GENERAL SPECIFICATIONS

Number of Contacts	4, 7, 10 (single row) 14, 16, 22 (double row)
Contact Spacing	2.5mm (.098")
Current Rating	3 Amp per contact
Dielectric Withstanding Voltage	1000 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	10 milliohms max.
Operating Temperature	-40°C to +85°C
Applicable PCB Thickness	1.6 to 2.4mm (.063" to .094")

MATERIALS AND FINISHES*

Description	Materials/Finishes
Insulator	PBT, Yellow (Green or Light Blue for polarized version)
Pin Contact	Brass/Tin Plating Cable plug pin contact: Highly conductive Copper alloy
Socket Contact	Phosphor Bronze /Tin Plating

Note: The standard finish of contacts is tin plating.
 Gold plating is available as an option. Consult JAE for details.

ORDERING INFORMATION

IL-AG6 - ** * * - * 3 * * - * **

Series	IL-AG6
No. of Contacts	** (Single Row - 4, 7, 10; Double Row - 14)
Contact Type	* (P - Pin; S - Socket)
Modification Code	* (Blank - Standard type)
Contact Layout	- (S - Single Row; D - Double Row)
Contact Pitch	3 (3 - 2.5mm (.098"))
Termination	- (T - Straight Through Hole; L - Right Angle Through Hole; C - Crimp)
Applicable PCB Thickness (pin header)	* (2 - 1.6mm (.063"))
Applicable Wire Size (Housing)	* (1 - AWG #18 to #22, Stranded)
Modification Code A	-
Insulator Color	- (Y - Yellow; Blank - Green)

