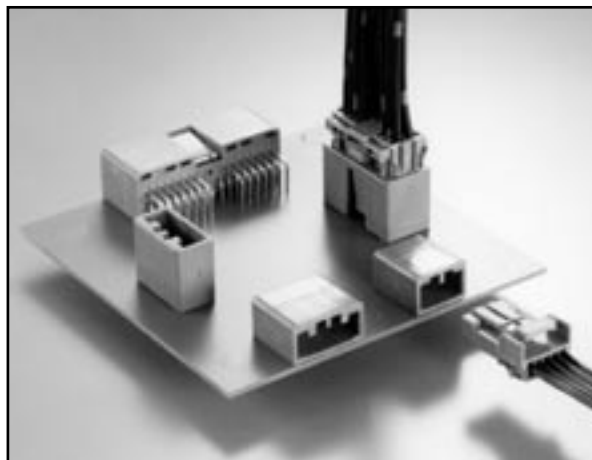


IL-AG5 SERIES AUTOMOTIVE CONNECTORS

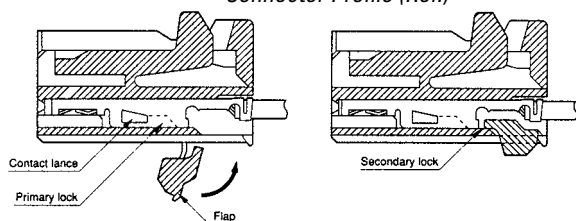
025 Crimp Contacts, PCB-to-Cable/Cable-to-Cable Applications



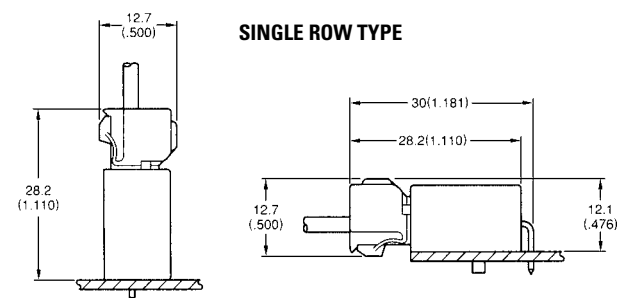
FEATURES

- Designed for automotive instrument panel applications
- Mechanical lock assures positive mating
- Unique housing configuration helps prevent mismatching
- Double locking mechanism prevents dislodging of contacts

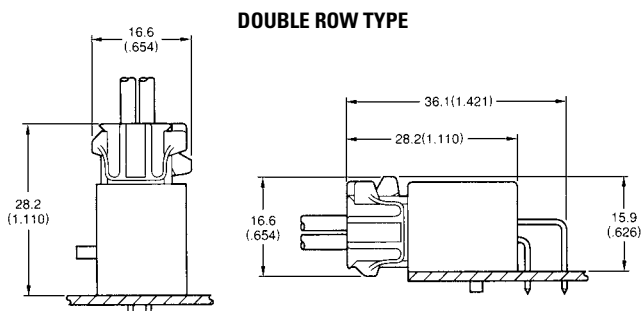
Connector Profile (Ref.)



- Polarized version is available (Single row, 5 and 6 contacts only)
- Highly reliable socket contacts
- Simplified crimp-type termination



SINGLE ROW TYPE



DOUBLE ROW TYPE

GENERAL SPECIFICATIONS

Number of Contacts	4, 5, 6, 7, 10 (single row) 14, 16, 18, 22, 30 (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")

Applicable Wire (Stranded)

Wire Type JIS	AV, AVS, AVSS	AVS, AVSS
AWG	#22-#20	#18
Conductor Cross Section Area	0.3 to 0.5mm ²	0.85mm ²
Insulation Outer Diameter	1.4 to 2.4mm (.055 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

*Please contact JAE for lead-free product availability.

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

ORDERING INFORMATION

	IL-AG5	-	**	*	*	-	*	3	*	*	-	*	**
Series	IL-AG5												
No. of Contacts													
Single Row													
Double Row													
Contact Type													
P - Pin													
S - Socket													
Modification Code													
K - Polarized version, 5 and 6 contacts only													
Blank - Standard type													
Contact Layout													
S - Single Row													
D - Double Row													
Contact Pitch													
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													
LB - Light Blue													
Blank - Green													

Dimensions and specifications subject to change without notice.