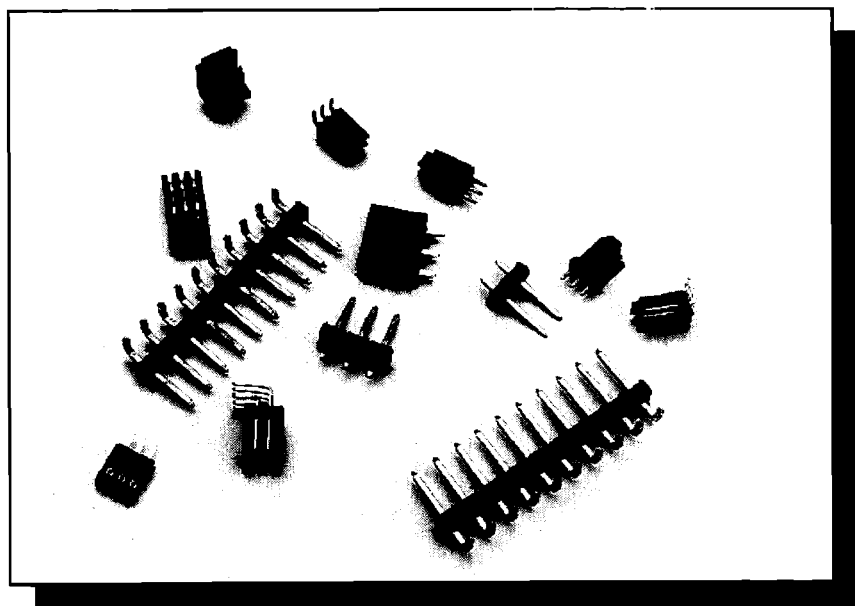


European Standard (HE13,HE14) 2,54mm/.100"



This Connector family, having, or mating with 0,64/.025² inch posts on 2,54/.100 inch centerlines, is utilized as an industry standard solution for the following interconnection applications:

- Board to board: Parallel, right angle, or edge to edge
- Wire to board: crimp or insulation displacement of ribbon cable and discrete wire

These connectors conform with the HE14 and HE13 specifications therefore assuring an inexpensive, user friendly product of quality.

Features

- Straight, right angle, single and dual row
- Polarizing ribs
- Fully shrouded
- Protected, tapered top entry posts and receptacles

Benefits

- Unlimited design options and packaging flexibility
- Assures proper electrical connections with each mating
- Maximum pin protection
- Easy alignment and insertion

Materials

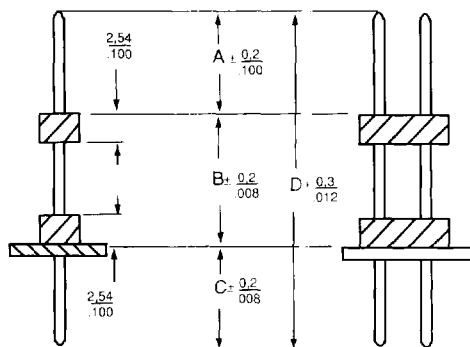
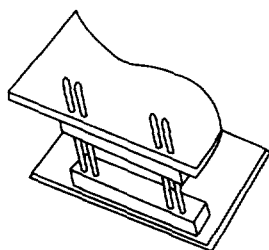
- Insulator: Flame retardant 94-V0 glass filled polyester
- Contacts: Female-phosphor bronze
Male- Brass
- Plating: 150 (3,8 μ m) μ " Tin lead entire contact (HE14)
10(.25 μ m) μ " Gold entire contact (HE13)

Performance Characteristics

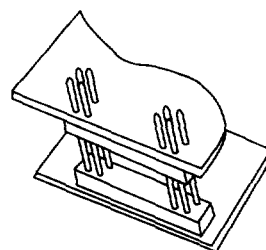
- Current rating: 3A 20° C
- Voltage: 500 VRMS (HE14)
1000 VRMS (HE13)
- Insulation Resistance: ≥ 1000 Megohms (HE14)
 ≥ 5000 Megohms (HE13)
- Contact Resistance: ≤ 20 milliohms
- Durability: 50 Cycles (Tin lead)
500 cycles (gold)
- Temperature range: -40° C +105° C (HE14)
-55° C +125° C (HE13)

STACKABLE AT A 2,54 mm PITCH

A013



A014



Dimensions

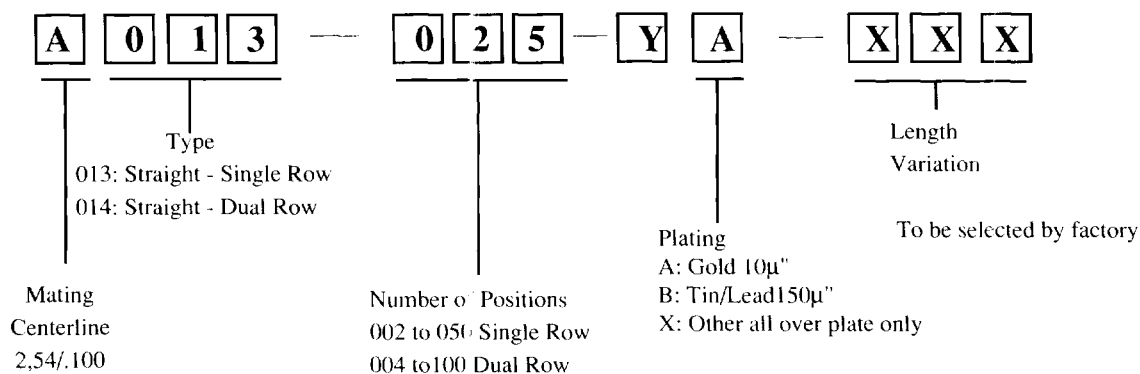
A =

B =

C =

D =

All the possibilities are offered regarding variations A,B,C dimensions. However, the minimum length of D is 11mm/.433" and the maximum one is 21mm/.827".

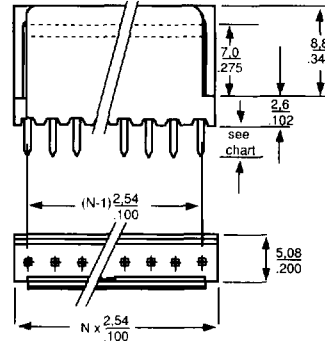
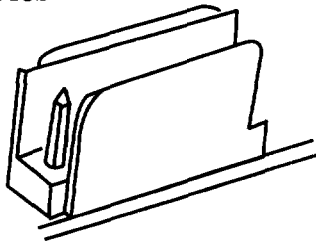


We are at your disposal to create your specific part number. For this, please take a copy of this page, complete it with your personal needs and send it back to your AUGAT representative.

Your name _____ Company _____
City _____ Tel _____ Fax _____

Shrouded PCB Headers (2,54mm/.100")

A031 Series



Millimeter
Inch

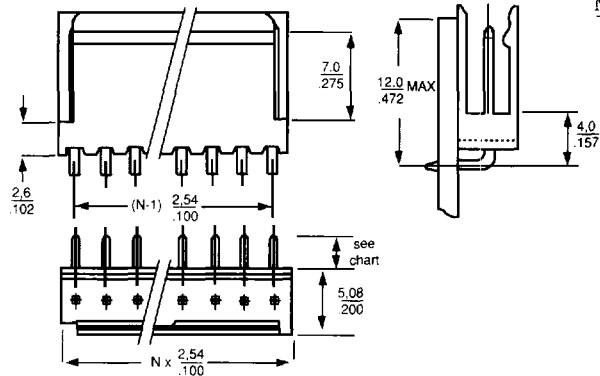
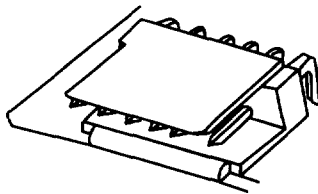
Straight-Single Row

Part Number	Plating	No. Posts	Tail Length
A031-XXX-YA-501	All Gold 10μ"	2-18	2,9 mm
A031-XXX-YB-501	Tin Lead		.114"
A031-XXX-YA-502	All Gold 10μ"		3,7 mm
A031-XXX-YB-502	Tin Lead		.145"

To order: Replace XXX with total number of posts

Example: 4 posts A031-004-YA-501

A032 Series



Millimeter
Inch

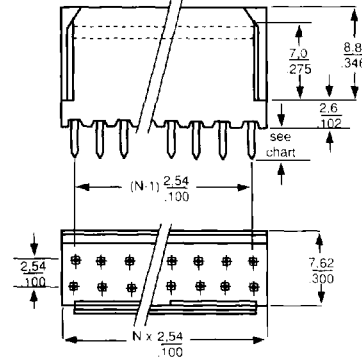
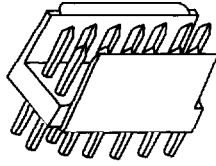
Right Angle-Single Row

Part Number	Plating	No. Posts	Tail Length
A032-XXX-YA-501	All Gold 10μ"	2-18	2,9 mm
A032-XXX-YB-501	Tin Lead		.114"
A032-XXX-YA-502	All Gold 10μ"		3,7 mm
A032-XXX-YB-502	Tin Lead		.145"

To order: Replace XXX with total number of posts

Example: 4 posts A032-004-YA-501

A036 Series



Millimeter
Inch

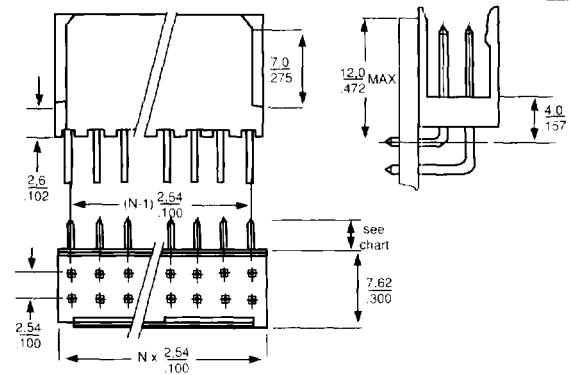
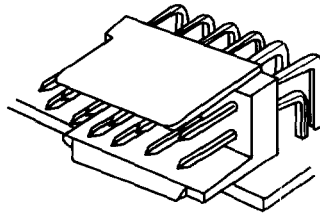
Straight-Dual Row

Part Number	Plating	No. Posts	Tail Length
A036-XXX-YA-501	All Gold 10μ"	4-36	2.9 mm
A036-XXX-YB-501	Tin Lead		.114"
A036-XXX-YA-502	All Gold 10μ"		3.7 mm
A036-XXX-YB-502	Tin Lead		.145"

To order: Replace XXX with total number of posts.

Example: 10 posts A036-010-YA-501

A037 Series



Millimeter
Inch

Right Angle - Dual Row

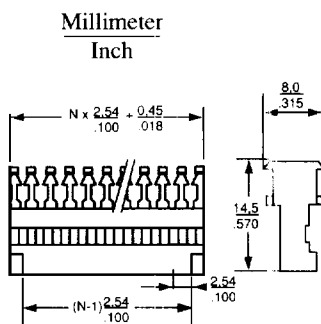
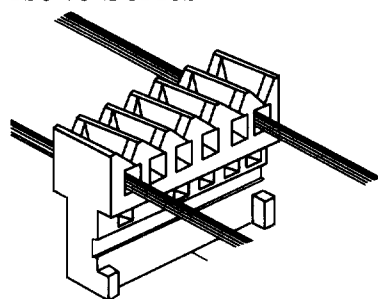
Part Number	Plating	No. Posts	Tail Length
A037-XXX-YA-501	All Gold 10μ"	4-36	2.9 mm
A037-XXX-YB-501	Tin Lead		.114"
A037-XXX-YA-502	All Gold 10μ"		3.7 mm
A037-XXX-YB-502	Tin Lead		.145"

To order: Replace XXX with total number of posts.

Example: 10 posts A037-010-YA-501

Female IDC Connectors (2,54mm/.100")

A040 Series



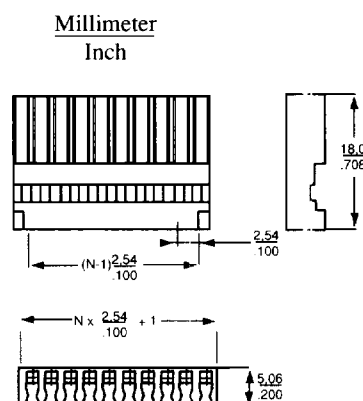
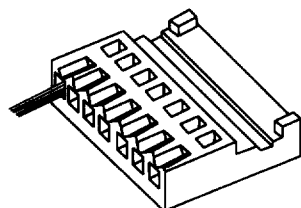
Right Angle - Single Row

Part Number	Wire AWG	Plating	No. Positions
A040-XXX-GB-001	28 to 26	Tin Lead	2-18
A040-XXX-GB-002	24 to 22	Tin Lead	
A040-XXX-GC-001	28 to 26	Selective Gold 10μ"	
A040-XXX-GC-002	24 to 22	Selective Gold 10μ"	

To order: Replace XXX with total number of positions

Example: 4 positions A040-004-GB-001

A050 Series



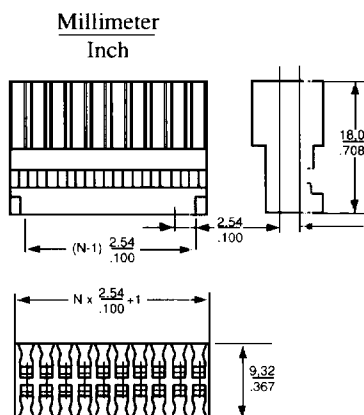
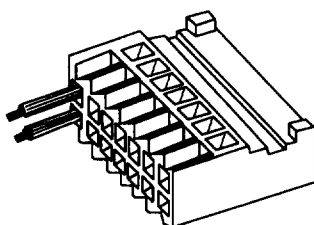
Straight-Single Row

Part Number	Wire AWG	Plating	No. Positions
A050-XXX-GB-001	28 to 22	Tin Lead	2-18
A050-XXX-GC-001		Selective Gold 10μ"	

To order: Replace XXX with total number of positions

Example: 4 positions A050-004-GB-001

A055 Series



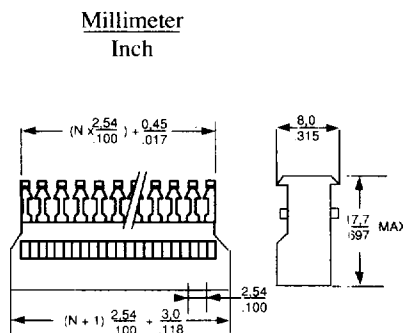
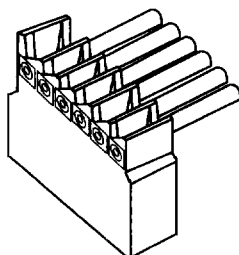
Straight - Dual Row

Part Number	Wire AWG	Plating	No. Positions
A055-XXX-GB-001	28 to 22	Tin Lead	4-36
A055-XXX-GC-001		Selective Gold 10μ"	

To order: Replace XXX with total number of positions

Example: 10 positions A055-010-GB-001

A060 Series



Card Edge - Single Row

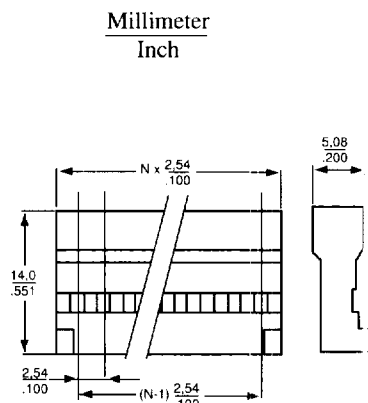
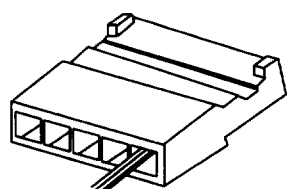
Part Number	Wire AWG	Plating	No. Positions
A060-XXX-GB-001	28-26	Tin Lead	5-20
A060-XXX-GB-002	24-22	Tin Lead	
A060-XXX-GC-001	28-26	Selective Gold 10μ"	
A060-XXX-GC-001	24-22	Selective Gold 10μ"	

To order: Replace XXX with total number of positions

Example: 12 positions A060-012-GB-001

Female Crimp Connectors (2,54mm/.100")

A070 Series



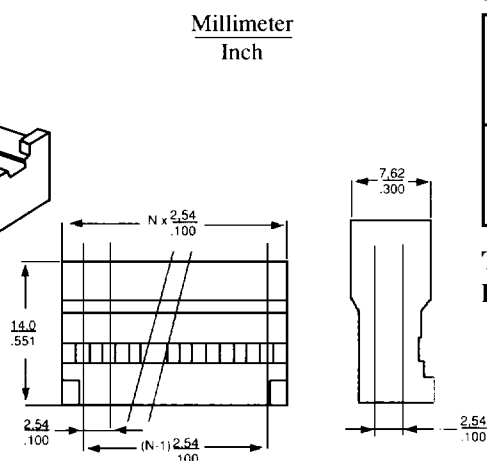
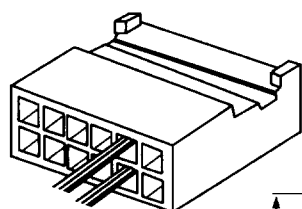
Single Row (Housing only)

Part Number	No. Positions
A070-XXX-X0-001	2-18

To order: Replace XXX with total number of positions

Example: 10 positions A070-010-X0-001

A074 Series



Dual Row (Housing Only)

Part Number	No. Positions
A074-XXX-X0-001	4-36

To order: Replace XXX with total number of positions

Example: 20 positions A074-020-X0-001

Crimp Contacts

Part Number	Plating	Pkg	Wire AWG
A070-01B-00	Tin Lead	Loose Parts 100 pcs	28-22
A070-01C-00	SelectiveGold 10μ'		
A070-01B-01	Tin Lead	Loose Parts 1000 pcs	
A070-01C-01	SelectiveGold 10μ'		
A070-01B-04	Tin Lead	Reeled 10,000 pcs	
A070-01C-04	Selective Gold 10μ'		