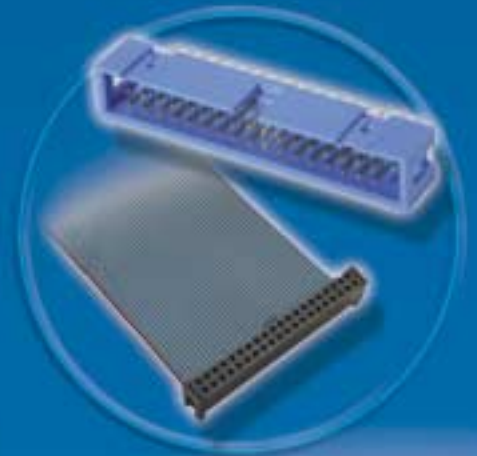


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ANSLEY® IDC SOCKETS

609 FEMALE SOCKET CONNECTOR

Ansley® Female Socket Connector
 0.76 µm Gold Plated Contacts
 2.54mm x 2.54mm Centres



• **PHYSICAL PROPERTIES**

Insulation Material: Glass filled thermoplastic rated UL 94V-0

Colour: Blue

Contacts: Beryllium copper, 0.76 µm min. gold over 1.27 µm nickel in contact zone; tin/lead over nickel in termination area

• **ELECTRICAL PROPERTIES**

Current Rating: 1A

Insulation Resistance: >1 x 10⁹ Ω @ 500 V DC

Dielectric Strength: >1000 VRMS at sea level

• **ENVIRONMENTAL PROPERTIES**

Temperature Rating: -55°C to +105°C

PRODUCT INFORMATION		
Model number	Tyco order number	Description
609-0630	2-1437020-0	06 position socket with centre bump
609-1030	3-1437020-0	10 position socket with centre bump
609-1430	4-1437020-6	14 position socket with centre bump
609-1630	6-1437020-1	16 position socket with centre bump
609-2030	7-1437020-9	20 position socket with centre bump
609-2630	0-1437021-5	26 position socket with centre bump
609-3430	2-1437021-6	34 position socket with centre bump
609-4030	5-1437021-0	40 position socket with centre bump
609-5030	7-1437021-4	50 position socket with centre bump
609-6030	9-1437021-9	60 position socket with centre bump

PRODUCT INFORMATION		
Model number	Tyco order number	Description
609-0641	2-1437020-2	06 position socket with centre bump & strain relief
609-1041	3-1437020-9	10 position socket with centre bump & strain relief
609-1441	5-1437020-2	14 position socket with centre bump & strain relief
609-1641	6-1437020-8	16 position socket with centre bump & strain relief
609-2041	8-1437020-8	20 position socket with centre bump & strain relief
609-2641	1-1437021-4	26 position socket with centre bump & strain relief
609-3441	3-1437021-4	34 position socket with centre bump & strain relief
609-4041	5-1437021-7	40 position socket with centre bump & strain relief
609-5041	8-1437021-3	50 position socket with centre bump & strain relief
609-6041	0-1437022-7	60 position socket with centre bump & strain relief

622 FEMALE SOCKET CONNECTOR

Ansley® Female Socket Connector
 0.76 µm Gold Plated Contacts
 2.54mm x 2.54mm Centres



• **PHYSICAL PROPERTIES**

Insulation Material: Glass filled thermoplastic rated UL 94V-0

Colour: Blue

Contacts: Beryllium copper, 0.76 µm min. gold over 1.27 µm nickel in contact zone; tin/lead over nickel in termination area

• **ELECTRICAL PROPERTIES**

Current Rating: 1A

Insulation Resistance: >1 x 10⁹ Ω @ 500 V DC

Dielectric Strength: >1000 VRMS at sea level

• **ENVIRONMENTAL PROPERTIES**

Temperature Rating: -55°C to +105°C

PRODUCT INFORMATION		
Model number	Tyco order number	Description
622-0630	2-1437023-6	06 position socket with centre bump
622-1030	4-1437023-1	10 position socket with centre bump
622-1630	8-1437023-3	16 position socket with centre bump
622-2030	0-1437024-2	20 position socket with centre bump
622-2630	2-1437024-4	26 position socket with centre bump
622-3430	4-1437024-8	34 position socket with centre bump
622-4030	7-1437024-7	40 position socket with centre bump
622-5030	0-1437025-4	50 position socket with centre bump
622-6030	2-1437025-7	60 position socket with centre bump

PRODUCT INFORMATION		
Model number	Tyco order number	Description
622-0641	3-1437023-1	06 position socket with centre bump & strain relief
622-1041	4-1437023-9	10 position socket with centre bump & strain relief
622-1641	9-1437023-1	16 position socket with centre bump & strain relief
622-2041	0-1437024-7	20 position socket with centre bump & strain relief
622-2641	3-1437024-0	26 position socket with centre bump & strain relief
622-3441	5-1437024-6	34 position socket with centre bump & strain relief
622-4041	8-1437024-6	40 position socket with centre bump & strain relief
622-5041	1-1437025-6	50 position socket with centre bump & strain relief
622-6041	3-1437025-2	60 position socket with centre bump & strain relief

ANSLEY® IDC SOCKETS

636 FEMALE SOCKET CONNECTOR

Ansley® Female Socket Connector
 0.38µm Gold Plated Contacts
 2.54 mm x 2.54 mm Centres

• **PHYSICAL PROPERTIES**

Insulation Material: Glass filled thermoplastic rated UL 94V-0

Colour: Black

Contacts: Phosphor bronze, 0.38 µm min. gold over 1.27 µm nickel in contact zone; tin/lead over nickel in termination area

• **ELECTRICAL PROPERTIES**

Current Rating: 1A

Insulation Resistance: >1 x 10⁹ @ 500 V DC

Dielectric Strength: >1000 VRMS at sea level

• **ENVIRONMENTAL PROPERTIES**

Temperature Rating: -55°C to +105°C

PRODUCT INFORMATION

Model number	Tyco order number	Description
636-1030	3-1437026-4	10 position socket with centre bump
636-1630	7-1437026-8	16 position socket with centre bump
636-2030	0-1437027-2	20 position socket with centre bump
636-2630	2-1437027-7	26 position socket with centre bump
636-3430	6-1437027-3	34 position socket with centre bump
636-4030	0-1437028-9	40 position socket with centre bump
636-5030	5-1437028-7	50 position socket with centre bump
636-6030	9-1437028-3	60 position socket with centre bump
636-6430	0-1437029-1	64 position socket with centre bump

PRODUCT INFORMATION

Model number	Tyco order number	Description
636-0641	2-1437026-0	06 position socket with centre bump & strain relief
636-1041	4-1437026-2	10 position socket with centre bump & strain relief
636-1641	8-1437026-8	16 position socket with centre bump & strain relief
636-2041	0-1437027-9	20 position socket with centre bump & strain relief
636-2641	3-1437027-7	26 position socket with centre bump & strain relief
636-3441	8-1437027-4	34 position socket with centre bump & strain relief
636-4041	3-1437028-7	40 position socket with centre bump & strain relief
636-5041	7-1437028-2	50 position socket with centre bump & strain relief
636-6041	9-1437028-6	60 position socket with centre bump & strain relief

ANSLEY® IDC BOX HEADERS

609 LOW PROFILE PCB HEADERS

Ansley® Low Profile PCB Headers
 Straight/Right Angle Pins
 2.54mm x 2.54mm Centres



PHYSICAL PROPERTIES

Insulation Material: Glass filled thermoplastic rated UL 94V-0
Colour: Blue
Contacts: Brass, 0.76 µm min. gold over 1.27 µm min. nickel plating

ELECTRICAL PROPERTIES

Current Rating: 1A
Insulation Resistance: >1 x 10⁹ Ω @ 500 V DC
Dielectric Strength: >1000 VRMS at sea level

ENVIRONMENTAL PROPERTIES

Temperature Rating: -55°C to +105°C

PRODUCT INFORMATION		
Model number	Tyco order number	Description
609-0627	2-1437044-7	06 position straight box header
609-1027	4-1437044-3	10 position straight box header
609-1627	8-1437044-0	16 position straight box header
609-2027	0-1437045-2	20 position straight box header
609-2627	3-1437045-2	26 position straight box header
609-3427	5-1437045-4	34 position straight box header
609-4027	8-1437045-3	40 position straight box header
609-5027	1-1437046-5	50 position straight box header
609-6027	3-1437046-4	60 position straight box header

PRODUCT INFORMATION		
Model number	Tyco order number	Description
609-0607	2-1437044-4	06 position right angle box header
609-1007	3-1437044-7	10 position right angle box header
609-1607	7-1437044-3	16 position right angle box header
609-2007	9-1437044-5	20 position right angle box header
609-2607	2-1437045-5	26 position right angle box header
609-3407	4-1437045-7	34 position right angle box header
609-4007	7-1437045-3	40 position right angle box header
609-5007	0-1437046-6	50 position right angle box header
609-6007	3-1437046-1	60 position right angle box header

636 LOW PROFILE PCB HEADERS

Ansley® Low Profile PCB Headers
 Straight/Right Angle Pins
 2.54mm x 2.54mm Centres



PHYSICAL PROPERTIES

Insulation Material: Glass filled thermoplastic rated UL 94V-0, infrared and vapor phase process compatible
Colour: Black
Contacts: Brass, 0.38 µm min. gold over 1.27 µm nickel plating tin/lead over nickel in termination area

ELECTRICAL PROPERTIES

Current Rating: 1A
Insulation Resistance: >1 x 10⁹ Ω @ 500 V DC
Dielectric Strength: >1000 VRMS at sea level tin/lead over nickel in termination area

ENVIRONMENTAL PROPERTIES

Temperature Rating: -55°C to +105°C

PRODUCT INFORMATION		
Model number	Tyco order number	Description
636-1027	1-1437061-9	10 position straight box header
636-1627	3-1437061-5	16 position straight box header
636-2027	4-1437061-3	20 position straight box header
636-2627	5-1437061-9	26 position straight box header
636-3427	7-1437061-5	34 position straight box header
636-4027	8-1437061-5	40 position straight box header
636-5027	9-1437061-5	50 position straight box header
636-6027	0-1437062-4	60 position straight box header

PRODUCT INFORMATION		
Model number	Tyco order number	Description
636-1007	1-1437061-5	10 position right angle box header
636-1607	3-1437061-1	16 position right angle box header
636-2007	3-1437061-9	20 position right angle box header
636-2607	5-1437061-5	26 position right angle box header
636-3407	7-1437061-1	34 position right angle box header
636-4007	7-1437061-9	40 position right angle box header
636-5007	9-1437061-1	50 position right angle box header

ANSLEY® STANDARD HEADERS

RIGHT ANGLE STANDARD HEADERS

Ansley® Right Angle PCB Headers with Retainer/Ejector Latches
2.54mm x 2.54mm Centres



• **PHYSICAL PROPERTIES**

Insulation Material: Glass filled thermoplastic rated UL 94V-0

Colour: 609/622: Blue; 636: Black

Contacts:

609/622: Brass; 0.76 µm min. gold over 1.27 µm nickel plating

636: Brass; 0.38 µm min. gold over 1.27 µm min. nickel plating

• **ELECTRICAL PROPERTIES**

Current Rating: 1A

Insulation Resistance: >1 x 10⁹ Ω @ 500 V DC

Dielectric Strength: >1000 VRMS at sea level

• **ENVIRONMENTAL PROPERTIES**

Temperature Rating: -55°C to +105°C



PRODUCT INFORMATION		
Model number	Tyco order number	Description
609-1004E	4-1437054-8	10 position right angle header short latches
609-1604E	4-1437055-5	16 position right angle header short latches
609-2004E	7-1437055-7	20 position right angle header short latches
609-2604E	4-1437056-3	26 position right angle header short latches
609-3404E	1-1437057-1	34 position right angle header short latches
609-4004E	7-1437057-0	40 position right angle header short latches
609-5004E	2-1437058-9	50 position right angle header short latches
609-6004E	2-1437059-0	60 position right angle header short latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
609-1004ES	5-1437054-1	10 position right angle header long latches
609-1604ES	4-1437055-8	16 position right angle header long latches
609-2004ES	8-1437055-0	20 position right angle header long latches
609-2604ES	4-1437056-6	26 position right angle header long latches
609-3404ES	1-1437057-4	34 position right angle header long latches
609-4004ES	7-1437057-3	40 position right angle header long latches
609-5004ES	3-1437058-2	50 position right angle header long latches
609-6004ES	0-1437059-8	60 position right angle header long latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
622-1004E	8-1437059-3	10 position right angle header short latches
622-1604E	0-1437060-7	16 position right angle header short latches
622-2004E	2-1437060-1	20 position right angle header short latches
622-3404E	5-1437060-3	34 position right angle header short latches
622-5004E	8-1437060-4	50 position right angle header short latches
622-6004E	9-1437060-6	60 position right angle header short latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
622-1004ES	8-1437059-4	10 position right angle header long latches
622-1604ES	0-1437060-8	16 position right angle header long latches
622-2004ES	2-1437060-2	20 position right angle header long latches
622-2604ES	3-1437060-8	26 position right angle header long latches
622-3404ES	5-1437060-4	34 position right angle header long latches
622-4004ES	6-1437060-8	40 position right angle header long latches
622-5004ES	8-1437060-5	50 position right angle header long latches
622-6004ES	9-1437060-7	60 position right angle header long latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
636-1004E	6-1437046-3	10 position right angle header short latches
636-1604E	9-1437046-4	16 position right angle header short latches
636-2004E	0-1437047-8	20 position right angle header short latches
636-2604E	2-1437047-8	26 position right angle header short latches
636-3404E	4-1437047-6	34 position right angle header short latches
636-4004E	6-1437047-0	40 position right angle header short latches
636-5004E	7-1437047-7	50 position right angle header short latches

PRODUCT INFORMATION		
Model number	Tyco Part Number	Description
636-1004ES	6-1437046-4	10 position right angle header long latches
636-1604ES	9-1437046-5	16 position right angle header long latches
636-2004ES	0-1437047-9	20 position right angle header long latches
636-2604ES	2-1437047-9	26 position right angle header long latches
636-3404ES	4-1437047-7	34 position right angle header long latches
636-4004ES	6-1437047-1	40 position right angle header long latches
636-5004ES	7-1437047-8	50 position right angle header long latches
636-6004ES	9-1437047-4	60 position right angle header long latches

ANSLEY® STANDARD HEADERS

STRAIGHT STANDARD HEADERS

Ansley® Straight PCB Headers
with Retainer/Ejector Latches
2.54mm x 2.54mm Centres



• **PHYSICAL PROPERTIES**

Insulation Material: Glass filled thermoplastic rated UL 94V-0
 Colour: 609/622: Blue; 636: Black
 Contacts:
 609/622: Brass, 0.76 µm min. gold over 1.27 µm nickel plating
 636: Brass; 0.38 µm min. gold over 1.27 µm min. nickel plating

• **ELECTRICAL PROPERTIES**

Current Rating: 1A
 Insulation Resistance: >1 x 10⁹ Ω @ 500 V DC
 Dielectric Strength: >1000 VRMS at sea level

• **ENVIRONMENTAL PROPERTIES**

Temperature Rating: -55°C to +105°C



PRODUCT INFORMATION		
Model number	Tyco order number	Description
609-1024E	6-1437054-3	10 position straight header short latches
609-1624E	5-1437055-8	16 position straight header short latches
609-2024E	9-1437055-1	20 position straight header short latches
609-2624E	5-1437056-7	26 position straight header short latches
609-3424E	2-1437057-8	34 position straight header short latches
609-4024E	8-1437057-7	40 position straight header short latches
609-5024E	4-1437058-5	50 position straight header short latches
609-6024E	2-1437059-0	60 position straight header short latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
609-1024ES	6-1437054-6	10 position straight header long latches
609-1624ES	6-1437055-0	16 position straight header long latches
609-2024ES	9-1437055-4	20 position straight header long latches
609-2624ES	5-1437056-9	26 position straight header long latches
609-3424ES	3-1437057-1	34 position straight header long latches
609-4024ES	9-1437057-0	40 position straight header long latches
609-5024ES	4-1437058-9	50 position straight header long latches
609-6024ES	2-1437059-2	60 position straight header long latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
622-1024E	8-1437059-8	10 position straight header short latches
622-1624E	1-1437060-3	16 position straight header short latches
622-2024E	2-1437060-6	20 position straight header short latches
622-2624E	4-1437060-4	26 position straight header short latches
622-3424E	5-1437060-8	34 position straight header short latches
622-4024E	7-1437060-2	40 position straight header short latches
622-5024E	9-1437060-0	50 position straight header short latches
622-6024E	0-1437061-1	60 position straight header short latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
622-0624ES	7-1437059-9	6 position straight header long latches
622-1024ES	8-1437059-9	10 position straight header long latches
622-1624ES	1-1437060-4	16 position straight header long latches
622-2024ES	2-1437060-7	20 position straight header long latches
622-2624ES	4-1437060-5	26 position straight header long latches
622-3424ES	5-1437060-9	34 position straight header long latches
622-4024ES	7-1437060-3	40 position straight header long latches
622-5024ES	9-1437060-1	50 position straight header long latches
622-6024ES	0-1437061-2	60 position straight header long latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
636-1024E	7-1437046-0	10 position straight header short latches
636-1624E	9-1437046-9	16 position straight header short latches
636-2024E	1-1437047-5	20 position straight header short latches
636-2624E	3-1437047-4	26 position straight header short latches
636-3424E	5-1437047-2	34 position straight header short latches
636-4024E	6-1437047-6	40 position straight header short latches
636-5024E	8-1437047-6	50 position straight header short latches
636-6024E	9-1437047-8	60 position straight header short latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
636-1024ES	7-1437046-1	10 position straight header long latches
636-1624ES	0-1437047-1	16 position straight header long latches
636-2024ES	1-1437047-6	20 position straight header long latches
636-2624ES	3-1437047-5	26 position straight header long latches
636-3424ES	5-1437047-3	34 position straight header long latches
636-4024ES	6-1437047-7	40 position straight header long latches
636-5024ES	8-1437047-7	50 position straight header long latches
636-6024ES	9-1437047-9	60 position straight header long latches

ANSLEY® VERTICAL EJECT HEADERS

501 LOW PROFILE HEADERS

Ansley® Low Profile Headers with Vertical Retainer/Ejector Latches
Straight/Right Angle Pins
2.54mm x 2.54mm Centres



• **PHYSICAL PROPERTIES**

Insulation Material: Glass filled thermoplastic rated UL 94V-0

Colour: Blue

Contacts: Brass, 0.76 µm min. gold over 1.27 µm min nickel plating

• **ELECTRICAL PROPERTIES**

Current Rating: 1A

Insulation Resistance: >1 x 10⁹ Ω @ 500 V DC

Dielectric Strength: >1000 VRMS at sea level

• **ENVIRONMENTAL PROPERTIES**

Temperature Rating: -55°C to +105°C

PRODUCT INFORMATION		
Model number	Tyco order number	Description
501-0627E	0-1437063-7	06 position straight box header short latches
501-1027E	2-1437063-8	10 position straight box header short latches
501-1627E	6-1437063-3	16 position straight box header short latches
501-2027E	8-1437063-0	20 position straight box header short latches
501-2627E	0-1437064-3	26 position straight box header short latches
501-3427E	3-1437064-9	34 position straight box header short latches
501-4027E	6-1437064-8	40 position straight box header short latches
501-5027E	9-1437064-8	50 position straight box header short latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
501-1027ES	3-1437063-0	10 position straight box header long latches
501-1427ES	5-1437063-3	14 position straight box header long latches
501-1627ES	6-1437063-4	16 position straight box header long latches
501-2027ES	8-1437063-1	20 position straight box header long latches
501-2627ES	0-1437064-5	26 position straight box header long latches
501-3427ES	4-1437064-1	34 position straight box header long latches
501-4027ES	7-1437064-0	40 position straight box header long latches
501-5027ES	0-1437065-1	50 position straight box header long latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
501-1007E	2-1437063-1	10 position right angle box header short latches
501-1607E	5-1437063-6	16 position right angle box header short latches
501-2007E	7-1437063-1	20 position right angle box header short latches
501-2607E	9-1437063-5	26 position right angle box header short latches
501-3407E	3-1437064-3	34 position right angle box header short latches
501-4007E	5-1437064-6	40 position right angle box header short latches
501-5007E	8-1437064-8	50 position right angle box header short latches

PRODUCT INFORMATION		
Model number	Tyco order number	Description
501-1007ES	2-1437063-3	10 position right angle box header long latches
501-1407ES	4-1437063-6	14 position right angle box header long latches
501-1607ES	5-1437063-8	16 position right angle box header long latches
501-2007ES	7-1437063-3	20 position right angle box header long latches
501-2607ES	9-1437063-7	26 position right angle box header long latches
501-3407ES	3-1437064-5	34 position right angle box header long latches
501-4007ES	5-1437064-8	40 position right angle box header long latches
501-5007ES	9-1437064-1	50 position right angle box header long latches

ANSLEY® IDC SOLDER TRANSITION

2-ROW PCB SOLDER TRANSITION CONNECTORS

Ansley® 2-Row PCB Solder Transition Connectors



• **PHYSICAL PROPERTIES**

Insulation Material: Glass filled thermoplastic rated UL 94V-0

Colour: Blue

Contacts: Beryllium copper; tin/lead over 1.27 µm nickel

• **ELECTRICAL PROPERTIES**

Current Rating: 1A

Insulation Resistance: >1 x 10⁹ Ω

Dielectric Strength: >1000 VRMS at sea level

• **ENVIRONMENTAL PROPERTIES**

Temperature Rating: -55°C to +105°C

PRODUCT INFORMATION		
Model number	Tyco order number	Description
622-0653	0-1437007-5	06 position solder transition
622-1053	0-1437007-2	10 position solder transition
622-1653	2-1437007-9	16 position solder transition
622-2053	3-1437007-7	20 position solder transition
622-2653	5-1437007-1	26 position solder transition
622-3453	6-1437007-5	34 position solder transition
622-4053	7-1437007-7	40 position solder transition
622-5053	8-1437007-9	50 position solder transition

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