

1.27 x 1.27mm (0.05" x 0.05") Grid Connectors

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Low profile interconnect system

- Mezzazine style interconnect system
- 400 contacts per 25.4mm²
- Applied by standard BGA reflow processes
- Utilizes soft solder sphere
- Self-centering during solder reflow
- Low profile



CP391

1.27 x 1.27mm (0.05 x 0.05") Grid connectors

MEG-Array connectors



- 240 position has board to board profiles of 3.4mm and 4.0mm
- 400 position has board to board profiles of 4.0mm, 6.0mm and 8.0mm



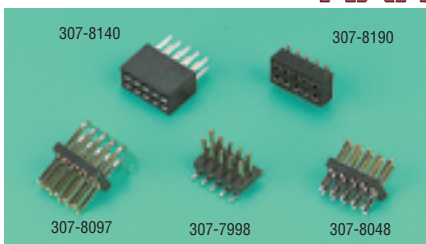
Current rating per contact	0.5 amps	Housings	Glass filled LCP UL94V-0
Inductance	2nH max	Receptacle terminal	Beryllium-copper
Capacitance	2pF max @ 100kHz	Plug terminal	Copper-nickel-tin
Temperature range	-25°C to 100°C	Plating	.38um gold over 1.27um nickel
		Mating force per contact	45g
		Contact wipe	0.8mm
		Durability	50 cycles

CP392

No. of Ways	Profile	Mftrs. List No.	Order Code	Price Each
Plug				1+
240		74213-001	487-480	
400		74219-002	487-491	
Receptacles				
240	3.40mm	74215-001	487-508	
240	4.00mm	74217-001	487-510	
400	4.00mm	74221-001	487-521	
400	6.00mm	74388-001	487-533	
400	8.00mm	74390-001	487-545	

1.27mm Pitch Headers and Housings

Dual Row



- Dual row
- 10 tp 100 ways
- Top/bottom entry SMT sockets

Housings	Thermoplastic (UL94V-0)	Current Rating	1A
Contacts	Copper alloy, plated Gold/Tin	Contact resistance	30Ω max
Temperature Range	-55 to 105°C	Insulation resistance	5000MΩ min
		Dielectric Voltage	600Vac min

Mftrs. List No:	Double row headers straight	M50-350xx22
	Double row headers right angled	M50-390xx22
	Double row SMT headers	M50-360xx22
	Double row vertical sockets	M50-300xx22
	Double row dual entry SMT sockets	M50-315xx22

Where xx = No of pins on 1 side of connector I.E 05 for 10 way

CP406

No. of Ways	Order Code	5+	25+	100+	250+	500+
Double Row Headers						
10	307-8048					
20	307-8050					
40	307-8061					
50	307-8073					
100	307-8085					
Double Row Headers, Right Angled						
10	307-8097					
20	307-8103					
40	307-8115					
50	307-8127					
100	307-8139					
Double Row SMT Headers						
10	307-7998					
20	307-8000					
40	307-8012					
50	307-8024					
100	307-8036					

continued

No. of Ways	Order Code	5+	25+	100+	250+	500+
Double Row Vertical Sockets						
10	307-8140					
20	307-8152					
40	307-8164					
50	307-8176					
100	307-8188					
Double Row Dual Entry SMT Sockets						
10	307-8190					
20	307-8206					
40	307-8218					
50	307-8220					
100	307-8231					

1.5mm Pitch Connectors

ZH Connector Series



335-7569 335-7648 335-7600 335-7533

- Compact, low profile design
- 1.5mm pitch
- Mounting height, 5.6mm, thickness, 3.5mm
- Contact retention lances on the housing allow visual confirmation of contact lock-in
- The dimple at the center of the contact ensures positive contact and low resistance
- UL and CSA approved

Current Rating	1.0A AC, DC	Contact Resistance	20mΩ max
Voltage Rating	50V AC, DC	Insulation Resistance	500MΩ min
Withstanding Voltage	500VAC@1min.	PC board Thickness:	0.6 to 1.2mm
Housing:	Nylon 66, UL94V-0, natural white		
Contacts	Brass, copper undercoated, tin/lead plated		
Crimp Contacts	Phosphor bronze, tin plated		
Temperature Range	-25°C to +85°C		

Wire mm ²	Size AWG	Insulation Dia. O.D. (mm)	Mftrs. List No.	Order Code
0.032-0.08	32-28	0.5-0.9	BZH-003-PO.5	335-7553

CS419

Order Multiple=5

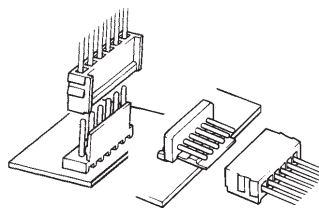
No. of Ways	Mftrs. List No.	Order Code	5+	10+	50+	250+	500+
Housing							
2	ZHR-2	335-7545					
3	ZHR-3	335-7557					
4	ZHR-4	335-7569					
6	ZHR-6	335-7570					
Shrouded Header - Top Entry							
2	B2B-ZR	335-7582					
3	B3B-ZR	335-7594					
4	B4B-ZR	335-7600					
6	B6B-ZR	335-7612					
Shrouded Header - Side Entry							
2	S2B-ZR	335-7624					
3	S3B-ZR	335-7636					
4	S4B-ZR	335-7648					
6	S6B-ZR	335-7650					

Order Multiple=10

Crimp contacts	335-7533	10+	50+	100+	500+	1000+
Order Multiple=1						
Crimp tool WC-490	335-7934	1+				

2mm Pitch Micro SPOX

Crimp Housings and PCB Headers



- 2mm high density
- 2 to 10 way single row
- Low profile
- Flame retardant white nylon
- Friction lock headers
- Polarised crimp housings
- Tin plated brass pins
- Tinned phosphor bronze terminals
- Spring box 4-point contact
- High pressure contacts
- Not end stackable
- UL recognised