

**CMC Products**  
Part number overview  
for more details please refer to [www.molex.com](http://www.molex.com)

Circuits	Part No.	Description	Color (Keying)	Wire Output	Matte Seal	Mates With	Terminal Loading
22	64326-1001	Power CMC Receptacle	Black	Right	Yes	Contact Molex	20 x CP 0.60mm terminal 2 x CP 2.80mm terminal
	64326-1005		Brown				
	64326-1009		Blue				
	64326-1002		Black	Left			
	64326-1006		Brown				
	64326-1010		Blue				
24	64319-2211	Standard CMC Receptacle	Black	Left		Contact Molex	18 x CP 0.60 mm terminal 6 x CP 1.50 mm terminal
	64319-2218		Gray	Right			
	64319-4211		Black				
	64319-4218		Gray				
	64319-1201	Wire Cap for 24-circuit Standard CMC Receptacle	N/A	N/A			N/A
28	64318-1011	Power CMC Receptacle	Black	Left		28-circuit Header 47745-0100	18 x CP 0.60 mm terminal 5 x CP 1.50 mm terminal 5 x CP 2.80 mm terminal
	64318-1018		Gray		28-circuit Header 47745-0200		
	64318-1019		Brown		28-circuit Header 47745-0300		
	64318-3011		Black	Right	28-circuit Header 47745-0100		
	64318-3018		Gray		28-circuit Header 47745-0200		
	64318-3019		Brown		28-circuit Header 47745-0300		
	64320-1301	Wire Cap for 28-circuit Power CMC Receptacle	N/A	N/A		N/A	
32	64319-1211	Standard CMC Receptacle	Black	Left	Yes	112-circuit header 64333-0100 Pocket A	24 x CP 0.60 mm terminal 8 x CP 1.50 mm terminal
	64319-1216		Blue				
	64319-1218		Gray				
	64319-1219		Brown				
	64319-3211		Black	Right		80-circuit header 502225-0801 32-circuit header 64334-0100 112-circuit header 64333-0100 Pocket C	
	64319-3216		Blue				
	64319-3218		Gray				
	64319-3219		Brown				
	64319-1201		Wire Cap for 32-circuit Standard CMC Receptacle			N/A	
36	64320-2311	Standard CMC Receptacle	Black	Left	48-circuit header with 36-circuits 36638-0006 / 36638-0008 36638-0013 with AU 1,27μ signal pins and 47732-0361	30 x CP 0.6 mm terminal 6 x CP 1.5 mm terminal	
	64320-2319		Brown	Right	48-circuit CMC header with 36-circuits 36638-0007 / 36638-0009		
	64320-4311		Black		48-circuit header with 36-circuits 36638-0006 / 36638-0008 36638-0013 with AU 1,27μ signal pins and 47732-0361		
	64320-4319		Brown		48-circuit CMC header with 36-circuits Loaded 36638-0007 / 36638-0009		
	64320-1301	Wire Cap for 36-circuit Standard CMC Receptacle	N/A	N/A		N/A	

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48	64320-1311	Standard CMC Receptacle	Black	Left	Yes	48 and 96-circuit header 36638-0002 / 36638-0004 48-circuit header 500762-0481	40 x CP 0.60mm terminal 8 x CP 1.50mm terminal
	64320-1315		Green				
	64320-1318		Gray			154-circuit Compliant Pin header 34763-0001 Pocket X	
	64320-1319		Brown			48-circuit and 96-circuit header 36638-0003 / 36638-0005 80-circuit header 502225-0801	
	64320-3311		Black	Right		48 and 96-circuit header 36638-0001 to 36638-0012 48-circuit CMC header 500762-0481	
	64320-3315		Green				
	64320-3318		Gray				
	64320-3319		Brown			48 and 96-circuit header 36638-0001 to 36638-0012 112-circuit header 64333-0100 Pocket B	
	64320-1301	CMC Wire Cap for 48-circuit Standard CMC Receptacle	N/A	N/A			N/A
53	64321-1011	Power CMC Receptacle	Black	Left	Yes	98997-1002	40 x CP 0.60mm terminal 8 x CP 1.50mm terminal 5 x CP 2.80mm terminal
	64321-1018		Gray				
	64321-1019		Brown				
	64321-2011		Black	Right		98997-1002 154-circuit Compliant Pin header 34763-0001 Pocket Z	
	64321-2018		Gray				
	64321-2019		Brown				
	64321-1101	CMC Wire Cap for 53-circuit Power CMC Receptacle	N/A	N/A			N/A

**Single Wire Seals**

Part No.	Description	Color	Mates With
64325-1332	CMC Single Wire Seal for CP 2.8, for cable 1.29 to 2.06mm	Red	CMC CP 2.80mm terminal
64325-1345	CMC Single Wire Seal for CP 2.8, for cable 2.03 to 2.80mm	Green	
64325-1358	CMC Single Wire Seal for CP 2.8, for cable 2.80 to 3.50mm	Gray	
64325-1366	CMC Single Wire Seal for CP 2.8, for cable 3.50 to 4.21 mm	Blue	

**Blind Plugs**

Part No.	Description	Mates With
64325-1010	Blind Plug for CP terminal cavity 0.60mm	28, 32, 48 and 53-circuit Receptacle
64325-1023	Blind Plug for CP terminal cavity 1.50mm	
64325-1091	Blind Plug for CP terminal cavity 2.80mm	

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**Terminals**

Order No.	Terminal Width	Plating	Wire Size in mm <sup>2*</sup>	Wire Insulation diameter in mm*	Wire Size In AWG*
64322-1019	0.635mm	Tin (Sn)	0.35	1.25 - 1.40	22
64322-1029			0.75	1.60 - 1.90	18
64322-1039			0.5	1.40 - 1.70	20
64322-1219		1.27µm Gold (Au)	0.75	1.60 - 1.90	18
64322-1229			0.35	1.25 - 1.40	22
64322-1239			0.5	1.40 - 1.70	20
64322-1339	0.75		1.60 - 1.90	18	
64322-1349	0.635mm HP	0.35	1.25 - 1.40	22	
64322-1359		0.5	1.40 - 1.70	20	
64323-1029	1.50mm	Tin (Sn)	0.5 to 1.0	1.40 - 2.15	18
64323-1039		1.27µm Gold (Au)	> 1.0 to 2.0	2.10 - 2.80	14, 16
64323-1219			0.5 to 1.0	1.40 - 2.15	18
64323-1319			0.5 to 1.0	1.40 - 2.15	18
64324-1019	†2.80mm	Tin (Sn)	> 3.0 to 5.0	3.40 - 4.00	10
64324-1029			> 2.0 to 3.0	2.65 - 3.45	12
64324-1039			> 1.0 to 2.0	2.10 - 2.80	14, 16
64324-1049			0.5 to 1.0	1.40 - 2.15	18, 20
64324-1119		1.27µm Gold (Au)	> 3.0 to 5.0	3.40 - 4.00	10
64324-1129			> 2.0 to 3.0	2.65 - 3.45	12
64324-1139			> 1.0 to 2.0	2.10 - 2.80	14, 16
64324-1149			0.5 to 1.0	1.40 - 2.15	18, 20

Circuits	Part No.	Mates with CMC Connector	Mating color coding	Description	No. of pockets	Pin count 0.63mm	Pin count 1.50mm	Pin count 2.80mm	Terminal type	
28	47745-0100	64318-1011 or 64318-3011	Black	28-circuit CMC header * Grey and Brown codings launching May 2013	1	18	5	5	Solder pin	
	47745-0XX0*	64318-1018 or 64318-3018	Grey							
	47745-0XX0*	64318-1019 or 64318-3019	Brown							
32	64334-0100	64319-3211	Black	32-circuit CMC header		24	8	0		
	64334-0300	64319-3219	Brown							
36	36638-0006 36638-0008	64320-2311 or 64320-4311	Black	36-circuit CMC header		30	6	0		
	36638-0007 36638-0009	64320-2319 or 64320-4319	Brown							
	36638-0013	64320-2311 or 64320-4311	Black							36-circuit CMC header - Signal pins in AU 1.27µ
	47732-0361									36-circuit CMC header based on 500762-0481
48	500762-0481	64320-1311 or 64320-3311	Black	48-circuit CMC header		40	8	0		
	36638-0002 36638-0004	64320-1311 or 64320-3311	Black							
	36638-0003 36638-0005	64320-1319 or 64320-3319	Brown							
	98997-1002	64321-1011 or 64321-2011	Black							
72	36638-0001 36638-0010	64320-2319 and 64320-4311	Brown	72-circuit Header	2	60	12	0		
80	502225-0801	64320-1319 and 64319-3211	48 Brown + 32 Black	80-circuit Header						
96	36638-0011 36638-0012	64320-1319 and 64320-3311	48 Brown + 48 Black	96-circuit Header						
112	64333-0100	64319-3211 and 64320-3319 and 64319-1218	32 Black + 48 Brown + 32 Grey	112-circuit Header	3	88	24	0		
154	34763-0001	64321-2011 and 64321-2019 and 64320-1318	53 black + 53 Brown + 48 Grey	154-circuit Header					120	24