

A photograph of two women in a kitchen. One woman, with dark hair and wearing a grey sweater over a denim shirt, is leaning forward and pulling a pizza out of an open oven. She is wearing black oven mitts. The other woman, with reddish hair, is standing next to her, looking at the pizza. The kitchen has white cabinets, a white countertop, and a window in the background. A red banner with the word 'molex' is in the top right corner.

molex



GLOW-WIRE PRODUCTS BROCHURE

creating connections for life



Glow-Wire Offerings for Signal or Low-Power Products

Wire-to-Board *(under 5.00mm Pitch)*



Features	Picoflex	Milli-Grid	Micro-One	RAST 2.5	Mini-Lock	Nano-Fit	KK Plus 250	Micro-Fit	Micro-Fit +	KK Plus 300	CP 3.3	Ultra-Fit	KK Plus 396	Mini Fit-MAX	Mini-Fit	Mini Fit- Sigma
Pitch (mm)	1.27	2.00	2.00	2.50	2.50	2.50	2.50	3.00	3.00	3.00	3.30	3.50	3.96	4.20	4.20	4.20
Voltage (max.)	250V AC	125V AC	250V AC	32 VAC	250 VAC	250 VAC	250 VAC	600V AC	600V AC	250V AC	500V AC	600V AC	350V AC	600V AC	600V AC	600V AC
Operating Temp. (max.)	+105°C	+105°C	+105°C	+120°C	+105°C	+115°C	+105°C	+125°C	+105°C	+105°C	+105°C	+120°C	+105°C	+105°C	+125°C	+105°C
Wire AWG	26 to 28	24 to 30	22 to 28	22 to 24	20 to 26	20 to 26	22 to 28	18 to 30	16 to 30	18 to 20	18 to 28	16 to 22	18 to 20	14 to 16	16 to 28 (+ double crimp)	16 to 24 (+ double crimp)
Current (max.)	1.2A	2.5A	4.0A	6.0A	5.0A	8.0A	6.5A	10.5A	13.0A	11.0A	8.5A	14.0A	11.0A	20.5A	13.0A	13.5A
Circuit Sizes	4 to 26	2 to 10 4 to 50	2 to 8	2 to 20	2 to 15	2 to 8 4 to 16	2 to 8	2 to 12 2 to 24	2 to 8 2 to 22	2 to 4	2, 4, 6	2 to 8 4 to 16	2 to 6	2 to 12	2 to 24	2 to 6 2 to 18
Header Orientation	Vertical	Vertical Right Angle	Vertical Right Angle	Vertical	Vertical Right Angle	Vertical Right Angle	Vertical	Vertical Right Angle	Vertical Right Angle	Vertical	Vertical	Vertical Right Angle	Vertical	Vertical	Vertical Right Angle	Vertical Right Angle
Termination Interface	SMT	Through Hole, SMT	Through Hole, SMT	Through Hole, Card Edge	Through Hole, SMT	Through Hole, SMT	Through Hole	Through Hole, SMT	Through Hole, SMT	Through Hole	Through Hole	Through Hole	Through Hole	Through Hole	Through Hole	-



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Low Halogen			x				x		x	x	x			x		x	
UL 94	V0	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	V2				x												
Row	Single	x	x	x	x	x	x	x	x	x	x		x	x	x		x
	Dual		x				x		x		x	x	x		x	x	x
Plating	Tin	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	Gold		x	x			x		x		x		x			x	
Locking Design	Friction	x	x		x												x
	Positive		x	x		x	x	x	x	x	x	x	x	x	x	x	x
TPA				x		x	x	x	x	x	x	x	x	x	x	x	x



Glow-Wire Offerings for High-Power Products

Wire-to-Board *(over 5.00mm Pitch)*



Features	RAST 5	KK 508	Mega-Fit	MLX	CP 6.5	Sabre	Super Sabre
Pitch (mm)	5.00mm	5.08mm	5.70mm	6.35mm	6.50mm	7.50mm	7.50mm
Voltage (max.)	250V AC	600V AC	600V AC	600V AC	600V AC	600V AC	600V AC
Operating Temp. (max.)	+120°C	+105°C	+120°C	+105°C	+105°C	+75°C	+125°C
Wire AWG	18 to 24	18 to 26	10 to 16 (+double crimp)	10 to 20	16 to 26	14 to 24	10 to 12
Current (max.)	16.0A	7.0A	30A	20.0A	10.0 A vertical 11.8 A Right Angle	18.0A	34.0A
Circuit Sizes	2 to 12	2 to 12	2 to 8 2 to 12	2, 3, 4, 6, 9, 12, 15	2, 4, 6	2 to 8	2 to 8
Header Orientation	Vertical Right Angle	Vertical	Vertical Right Angle	Vertical	Vertical Right Angle	Vertical Right Angle	Vertical Right Angle
Termination Interface	Through Hole, Card Edge	Through Hole	Through Hole	Through Hole	Through Hole, SMT	Through Hole	Through Hole



Glow-Wire Offerings for High-Power Products

Wire-to-Board *(over 5.00mm Pitch)*



Features		RAST 5	KK 508	Mega-Fit	MLX	CP 6.5	Sabre	Super Sabre
Low Halogen								
UL 94	V0	x		x		x		
	V2	x	x		x		x	x
Row	Single	x	x	x	x		x	x
	Dual			x	x	x		
	3 Rows				x			
Plating	Tin	x	x	x	x	x	x	x
	Silver	x						
	Gold			x				
Locking Design	Friction	x	x					
	Positive			x	x	x	x	x
TPA				x		x		



Glow-Wire Offerings for Signal or Low-Power Products

Wire-to-Wire



Features	Standard 0.062"/0.062"+	CP 4.5	CP 6.5	Standard .093	VersaBlade	VersaBlade HT
Pitch (mm)	3.68	4.50	6.5	5.03 6.30 6.70	6.20	6.20
Voltage (max.)	250V AC	600V AC	600 VAC	600V AC	600V AC	600V AC
Operating Temp. (max.)	+105°C	+120°C	+105°C	+105°C	105°C+	+150°C
Wire AWG	16 to 30	16 to 26	16 to 26	14 to 22 (+double crimp)	14 to 24 (+double crimp)	14 to 22 (+double crimp)
Current (max.)	11.5A	10.0A	12.5A	17.0A	15.0A	14.0A
Circuit Sizes	2, 4, 9, 12	2, 4, 6	2, 4, 6	2, 4, 15	1 to 9	2,3,4



Glow-Wire Offerings for Signal or Low-Power Products

Wire-to-Wire



Features		Standard .062"/.062"+	CP 4.5	CP 6.5	Standard .093"	VersaBlade	VersaBlade HT
Low Halogen			x		x		
UL 94	V0	x	x	x		x	x
	V2				x		
Row	Single	x			x	x	x
	Dual	x	x	x		x	x
	3 Rows	x			x		
Plating	Tin	x	x	x	x	x	x
	Gold	x			x		
Locking Design	Friction	x					
	Positive		x	x	x	x	x
TPA			x	x		x	x

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