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Jameco Part Number 527101

Commercial MATE-N-LOK Connectors

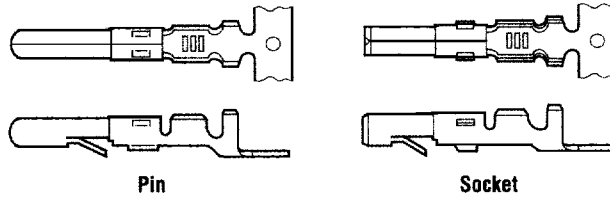
Contacts (Used in Commercial MATE-N-LOK housings below)

Pin Diameter — .084 [2.13]
Stock Thickness — .012 [0.305]

Material and Finish

Brass or phosphor bronze with pre-tin plating or brass selectively plated .000030 [0.00076] min. gold in mating area over 0.000050 [0.00127] nickel underplate on entire contact

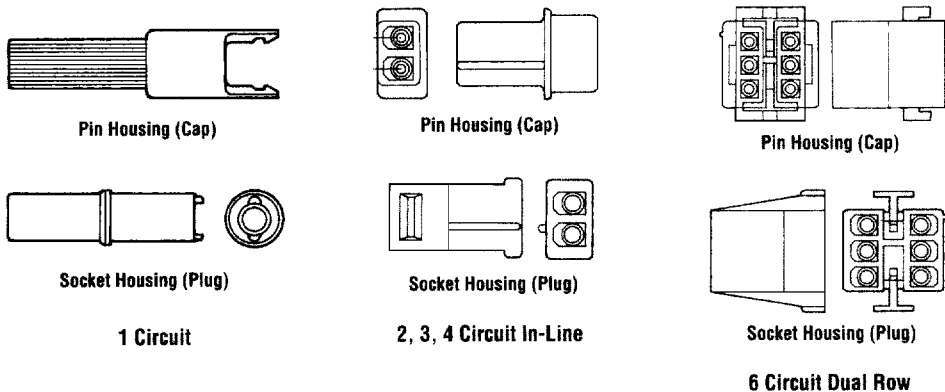
Pin and Socket Connectors (Continued)



Wire Size Range AWG [mm ²]	Ins. Dia. Range	Materials & Finish	Part Numbers			
			Pin		Socket	
			Strip Form	Loose Form	Strip Form	Loose Form
30-22 [.05-3]	.040-.075 1.02-1.91	Brass/Pre-tin	350079-1	—	350078-1	—
		Phos. Brz./Pre-tin	350079-4	—	—	—
24-18 [.2-.8]	.060-.100 1.52-2.54	Brass/Pre-tin	61116-1	60618-1	61314-1	60617-1
		Phos. Brz./Pre-tin	61116-4	60618-4	61314-4	60617-4
		Brass/Sel. Gold	61116-7	—	61314-7	—
20-14 [.5-2.0]	.100-.130 2.54-3.30	Brass/Pre-tin	61118-1	60620-1	61117-1	60619-1
		Phos. Brz./Pre-tin	61118-4	60620-4	61117-4	60619-4
(2) 18 [.8] or (1) 18 [.8] & (1) 16 [1.2]	(2) .115 Max. 2.92 (stacked)	Brass/Pre-tin	350558-1	—	350557-1	—
		Phos. Brz./Pre-tin	—	—	350557-4	—

Housings — Free Hanging

Centerline Spacing — .200 [5.08]
Contacts — Order separately (see above)



Material

Nylon, UL94V-2, natural color

Mating Headers

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No. of Circuits	Part Numbers	
	Pin Housing (Cap)	Receptacle Housing (Plug)
1	1-480350-0 ¹	1-480349-0
	1-480351-0 ²	1-480349-0
	1-480401-0 ^{1,3}	1-480400-0 ³
2	1-480319-0 ⁴	1-480318-0 ⁴
3	1-480305-0 ⁴	1-480303-0 ⁴
4	1-480426-0 ^{1,4,5}	1-480424-0 ⁵
6	1-480340-0	1-480270-0 ⁴
8	1-480345-0	1-480263-0 ⁴

¹ Detent lock

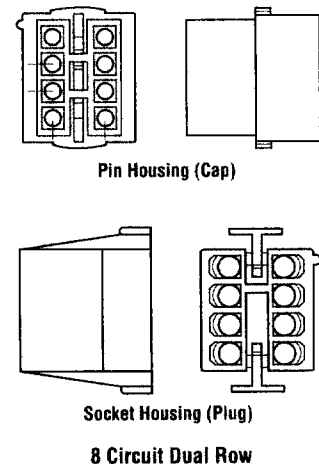
² Positive lock

³ UV Stabler black color

⁴ Housing accepts double wire applications where individual insulation diameters do not exceed .115 [2.92].

⁵ Used by the disk drive industry

•2D geometry and 3D CAD model are included on CD-ROM.



For Complete Product Information, Order Catalog 82181