

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 10 to 64 circuits
- For 1.27mm (.050") ribbon cable
- Single polarization

### Reference Information

Packaging: Tray  
 UL File No.: E29179  
 CSA File No.: LR37272-P21  
 Mates With: [5330](#), [5332](#), [5340](#), [5342](#), [5576](#) and [5578](#)  
 Use With: [5328](#)  
 Designed In: Millimeters

### Electrical

Current: 1.0A  
 Contact Resistance: 20mΩ max.  
 Dielectric Withstanding Voltage: 500V AC  
 Insulation Resistance: 1000 MΩ min.

### Physical

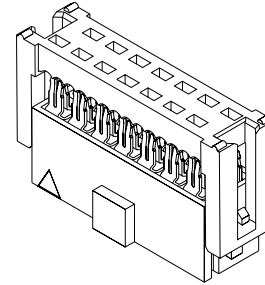
Housing: Black glass-filled polyester, UL 94V-0  
 Contact: Phosphor Bronze Alloy  
 Plating: See Table  
 Operating Temperature: -40 to +105°C  
 Cable Accommodation: 26 AWG stranded and 28 AWG stranded and solid  
 Insulation Range: 1.14mm (.045") diameter max.

**molex**® 2.54mm (.100) Pitch  
**QF 50™**

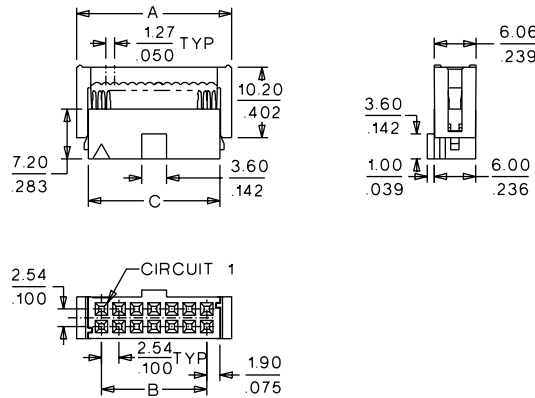
**Receptacle**

**5320-NB**

**Dual Row  
 Preloaded Upper Housing**



## CATALOG DRAWING (FOR REFERENCE ONLY)



## ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.			Dimension		
	Plating NBGS1	Plating NBGS2	Plating NBT2	A	B	C
10	39-51-2103	39-51-2104	39-52-1105	17.33 (.682)	10.16 (.400)	13.96 (.550)
14	39-51-2143	39-51-2144	39-52-1145	22.41 (.882)	15.24 (.600)	19.04 (.750)
16	39-51-2163	39-51-2164	39-52-1165	24.95 (.982)	17.78 (.700)	21.58 (.850)
20	39-51-2203	39-51-2204	39-52-1205	30.03 (1.182)	22.86 (.900)	26.66 (1.050)
26	39-51-2263	39-51-2264	39-52-1265	37.65 (1.482)	30.48 (1.200)	34.28 (1.350)
30	39-51-2303	39-51-2304	39-52-1305	42.73 (1.682)	35.56 (1.400)	39.36 (1.550)
34	39-51-2343	39-51-2344	39-52-1345	47.81 (1.882)	40.64 (1.600)	44.44 (1.750)
40	39-51-2403	39-51-2404	39-52-1405	55.43 (2.182)	48.26 (1.900)	52.06 (2.050)
50	39-51-2503	39-51-2504	39-52-1505	68.13 (2.682)	60.96 (2.400)	64.76 (2.550)
60	39-51-2603	39-51-2604		80.83 (3.182)	73.66 (2.900)	77.46 (3.050)
64	39-51-2643	39-51-2644		85.91 (3.382)	78.74 (3.000)	82.54 (3.250)

Plating NBGS1: 39μ" (1μm) min. Nickel underplate. Contact area: 4μ" (0.1μm) min. Gold. ID area: 1μm min. Tin/Lead.

Plating NBGS2: 39μ" (1μm) min. Nickel underplate. Contact area: 30μ" (0.76μm) min. Gold. ID area: 1μm min. Tin/Lead.

Plating NBT2: 35μ" (.9μm) min. Tin overall