



MATERIAL:

Insulator: PBT+30% Glass Fiber [UL 94V-0]
 Nylon 6T+30% Glass Fiber [UL 94V-0]
 Contacts: BRASS GOLD FLASH.

FEATURES:

Low Profile header body helps maximum packaging density
 Available with warp post tail header
 Fully-shrouded body provides maximum
 Protection for header mating pins

SPECIFICATIONS:

Current rating: 2A AC, DC.
 Voltage rating: 250V AC, Maximum
 Temperature range: Initial Value/10mΩ max.
 After environmental testing
 /20mΩ max.
 Insulation resistance: 5000 M min.
 Withstand Voltage: 1500V AC/minute
 Mounted on PCB to wave soldering :
 a) Nylon 6T plastic material
 Temperature: 260 ± 5°c for 5sec
 b) PBT / NYLON 66 plastic material
 Temperature: 220 ± 5°c for 3sec

Ordering Information 809M Series

| Series no. | NO. Of contacts | Configuration | Material | Color | Contact Plating | ROSH |
|-------------|---|---------------------|--------------------------------------|--|--|---------------------------------|
| 809M | 20P | 00 | C | 01 | C01 | L |
| 809M Series | 8P 10P 12P 14P 16P 20P 22P 24P 26P 30P 32P 34P 36P 40P 44P 50P 60P 64P | 00: 180° 01: 90° | A: NYLON 6T B: NYLON 66 C: PBT | 00: BLACK 01: WHITE 02: BLUE 03: CREAM-COLORED (NATURAL) | C00: TIN C01: GOLD FLASH C02: 5u" GOLD C03: 10u" GOLD C04: 15u" GOLD C05: 30u" GOLD | L=Pb Free Plating Product |

| POSITION | A | B | POSITION | A | B |
|----------|-------|-------|----------|-------|-------|
| 8 | 15.10 | 6.00 | 30 | 37.10 | 28.00 |
| 10 | 17.10 | 8.00 | 32 | 39.10 | 30.00 |
| 12 | 19.10 | 10.00 | 34 | 41.10 | 32.00 |
| 14 | 21.10 | 12.00 | 36 | 43.10 | 34.00 |
| 16 | 23.10 | 14.00 | 40 | 47.10 | 38.00 |
| 20 | 27.10 | 18.00 | 44 | 51.10 | 42.00 |
| 22 | 29.10 | 20.00 | 50 | 57.10 | 48.00 |
| 24 | 31.10 | 22.00 | 60 | 67.10 | 58.00 |
| 26 | 33.10 | 24.00 | 64 | 71.10 | 66.00 |