

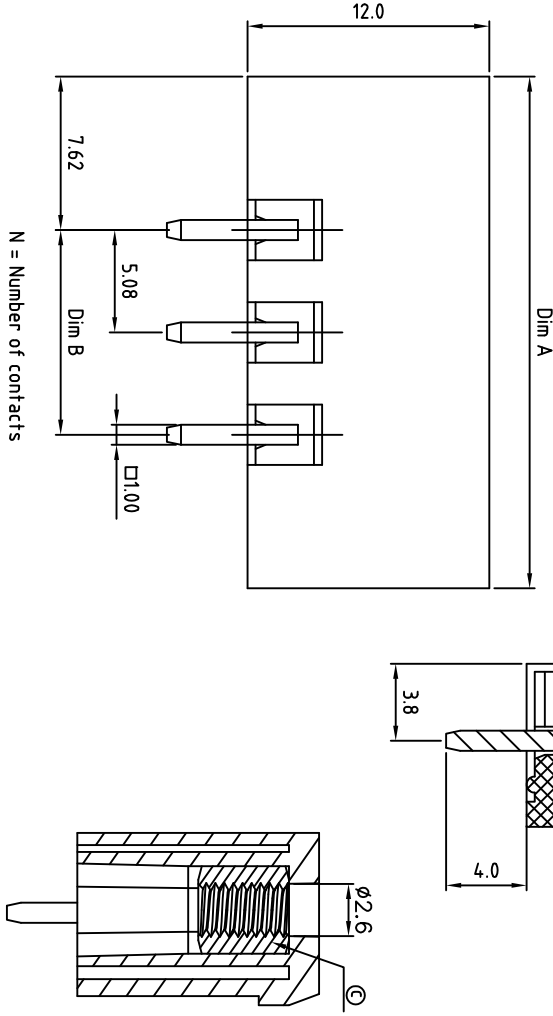
SPECIFICATIONS

Current Rating: 20 Amps  
Voltage Rating: 300V  
Dielectric withstanding: 1.6kV/2.5kV  
Operating Temperature: -40°C to +115°C  
Soldering Temperature: 250±10°C for 5 seconds  
Contact Material: Copper with Tin Plating  
Insulator Material: Thermoplastic UL 94V-0  
Flange Nut: Brass, M2.5  
Safety Approval:   

RPLJ-XXEEXJ-FG

FG: RoHS Compliant  
Pb<4000ppm

- 02: 2Pos  
03: 2Pos  
04: 2Pos  
24: 24Pos
- J: Black(RAL9005)  
B: Red(RAL3001/D)  
C: Orange(RAL2011/P)  
D: Yellow(RAL1018/A)  
E: Green(RAL6018/T)  
F: Blue(RAL5015/A)  
H: Grey(RAL7035/D)



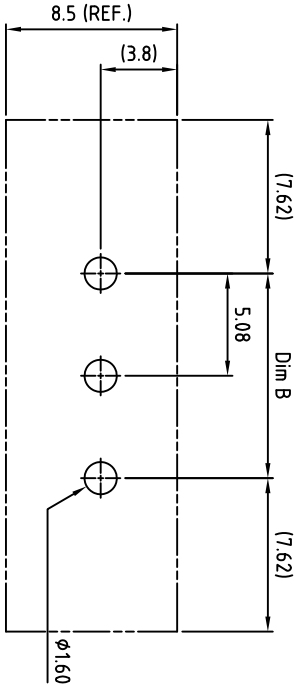
N = Number of contacts

Dimensions

| A | (N+2)×5.08 |
|---|------------|
| B | (N-1)×5.08 |

| Poles   | Tolerance |
|---------|-----------|
| 2P-6P   | ±0.15     |
| 7P-12P  | ±0.20     |
| 13P-18P | ±0.30     |
| 19P-24P | ±0.40     |

RECOMMENDED PCB LAYOUT



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APTOS TECHNOLOGY

RPLJ Series

5.08 mm Header w/Flange

PRODUCT NO. RPLJ-XXEEXJ-FG

| GENERAL TOLERANCE UNLESS OTHERWISE SPECIFIED |        | REV.       |        | DATE        |         | SCALE                     |          | UNIT                       |  |
|----------------------------------------------|--------|------------|--------|-------------|---------|---------------------------|----------|----------------------------|--|
| XXX.                                         | ± X    | XX         | ± 0.10 | 05/04/09    | CHECKED | 4:1                       | APPROVED | mm                         |  |
| XX.                                          | ± X    | .XXX       | ± X    |             |         |                           |          |                            |  |
| X.                                           | ± 0.50 | X.         | ± 1"   |             |         |                           |          |                            |  |
| .X                                           | ± 0.30 | .X         | ± 1"   |             |         |                           |          |                            |  |
| DRAWN                                        |        | 05/04/09   |        | RPLJ Series |         | 5.08 mm Header w/Flange   |          | PRODUCT NO. RPLJ-XXEEXJ-FG |  |
| APPROVED                                     |        | UL:E202113 |        | FILE NAME   |         | RPLJ-XXEEXJ-FG LF APD.DWG |          |                            |  |