SUGGESTED PCB LAYOUT

COMPONENT SIDE

BI-COLOR LED SCHEMATIC

NOTE 1

DIMENSIONS: TOLERANCES UNLESS OTHERWISE SPECIFIED:

- W: .080 MIN. THICK MATTE TIN.
- A: .000040 THICK Cu.
- C: .020 X .020 CARBON STEEL.
- E: .000080 THICK NICKEL.
- F: .000040 THICK Cu.
- G: .000040 THICK Cu.
- J: .000040 THICK Cu.
- L: .000040 THICK Cu.
- M: .000040 THICK Cu.
- N: .000040 THICK Cu.
- P: .000040 THICK Cu.
- Q: .000040 THICK Cu.
- R: .000040 THICK Cu.
- S: .000040 THICK Cu.
- T: .000040 THICK Cu.
- U: .000040 THICK Cu.
- V: .000040 THICK Cu.
- W: .000040 THICK Cu.
- X: .000040 THICK Cu.
- Y: .000040 THICK Cu.
- Z: .000040 THICK Cu.

PRODUCT QUANTITY - 200 PIECES PER REEL

PLASTIC REEL - 381mm DIAMETER

CLEAR COVER TAPE TRAILER - 610mm, WRAPPED ON REEL HUB

CLEAR COVER TAPE, PSA PIPE WIDE TAPE - 84mm Width

POCKET DEPTH - 16.7mm

POCKET PITCH - 24mm

POCKET TAPE WIDTH - 44mm

Housing - HIGH TEMP THERMOPLASTIC - LCP, BLACK, UL94V-0

WiFIREAED LEADS PREPLATED WITH 8.89 µm [.000080] THICK TIN OVER 1.27µm THICK Cu.

Lens, 0.51 X 0.51 [.020 X .020] CARBON STEEL LIGHT EMITTING DIODE (LED) -- DIFFUSED EPOXY

THICK NICKEL

WITH 2.03µm-8.89µm THICK MATTE TIN OVER 1.27µm THICK Cu.

SHIELD - 0.196 THICK COPPER ZINC ALLOY PREPLATED NICKEL.

AREA.  1.27µm MINIMUM GOLD IN LOCALIZED PLATE AREA.

3.81µm MINIMUM THICK MATTE TIN IN SOLDER TERMINALS - 0.30 THICK PHOS BRONZE PLATED WITH Cu UNDERPLATE.

THICK Ag OVER 1.02 µm [.000040] THICK Cu OVER WIREFRAME LEADS PREPLATED WITH 8.89 µm [.000080] THICK TIN OVER 1.27µm THICK Cu.

NOTE 2

CIRCUIT STABILITY

- Tight Weave Pitch 12.72 µm (0.0005"
- Tight Weave Pitch 76.2 µm (0.003"
- Tight Weave Pitch 254 µm (0.010"

NOTE 3

RING LED DIODE FOR 2-EXPIRATION ONLY

NOTE 4

RECOMMENDATIONS

SPEC 114-2154 FOR PANEL THICKNESS AND POSITION

PART 68, SUBPART F