

DIRFRD006

OPTION (LED2)
OPTION (LED1)
OPTION
FRE
PITCH=1.02
12.70
11.02
0.55
2.53
7.95
1.81
16.4
15.7
1.31
5.4
3.56±0.20
4.32±0.20
9.13±0.20
1.78±0.20
2.67±0.20
3.40
1.63
3.20
3.15
13.72
9.14
7.14
pitch=1.02
4.32
9.13
12
11
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3
2
1
1.78
1.80
1.00
0.90
3.20
12.70
16.40
PC Board Layout (t=1.60mm)
Component Side Shown

NOTES:
ELECTRICAL:
 1. VOLTAGE RATING : 125 VAC RMS.
 2. CURRENT RATING : 1.5 AMP.
 3. CONTACT RESISTANCE : 30 MILLIOHMS MAX.
 4. INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 500 VDC.
 5. DIELECTRIC STRENGTH : 1000 VAC RMS 60Hz, 1MIN.
 6. LED RATINGS: FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.
 REVERSE VOLTAGE: 5 VOLTS MINIMUM.
 7. OPERATING: 750 CYCLES MIN.
MECHANICAL:
 1. HOUSING MATERIAL : PBT+30%GF OR FR52 UL94V-0. COLOR-BLACK.
 2. INSERT MATERIAL : PBT+30%GF OR FR52 UL94V-0. COLOR-BLACK.
 3. BACK PLATE MATERIAL : PBT+30%GF OR FR52. COLOR-BLACK.
 4. LED SIZE : 3.2*2.0*7.0*P=2.54mm.
 5. SHIELD MATERIAL : COPPER ALLOY 0.25mm THICKNESS PLATING NI.
 6. CONTACT MATERIAL : PHOSPHOR BRONZE 0.35mm THICKNESS OR #0.46.
 7. PLATING : GOLD PLATING OVER NICKEL.
 8. PCB RETENTION PRE-SOLDER : 1 LB MIN.
 9. PCB RETENTION POST-SOLDER : 10 LBS MIN.
ENVIRONMENTAL:
 1. STORAGE : -40°C TO +85°C.
 2. OPERATION: -40°C TO +85°C.
 MATES WITH MODULAR PLUG CONFORMING TO
 FCC PART 68, SUBPART F.
 CUL FILE No:E163191

W/TIN PART NUMBERS 5J 8 8 - X X L X X L
 1-LED1:GREEN ,LED2:YELLOW
 2-LED1:GREEN ,LED2:GREEN
 3-LED1:YELLOW ,LED2:GREEN
 4-LED1:G+Y ,LED2:G+Y
 5-LED1:RED ,LED2:GREEN
 7-LED1:YELLOW ,LED2:YELLOW
 J-LED1:G+Y ,LED2:YELLOW
 E-LED1:GREEN ,LED2:RED
 K-LED1:G+Y ,LED2:GREEN
 V-LED1:Y+G ,LED2:Y+G
 1-NO TAB
 2-TOP TABS
 3-SIDE TABS
 4-TOP TABS & SIDE TABS
 PLATING:1-3u" 2-6u" 3-15u" 4-30u" 5-50u"
 1-Plate Tin shield stamp pin,led long 7.0mm
 2-Plate Ni shield stamp pin,led long 7.0mm
 3-Plate Tin shield round pin,led long 7.0mm
 4-Plate Ni shield round pin,led long 7.0mm
 0-W/O LOGO PBT+30%
 J-W/O LOGO FR52
 2-W/ "FRE" LOGO
 5-W/O LOGO W/O TINNED SHIELD LEGS

LEAD FREE PART NUMBER: E 5J 8 8 - X X L X X L
 1-LED1:GREEN ,LED2:YELLOW
 2-LED1:GREEN ,LED2:GREEN
 3-LED1:YELLOW ,LED2:GREEN
 4-LED1:G+Y ,LED2:G+Y
 5-LED1:RED ,LED2:GREEN
 J-LED1: G+Y ,LED2:YELLOW
 E-LED1:GREEN ,LED2:RED
 K-LED1:G+Y ,LED2:GREEN
 V-LED1:Y+G ,LED2:Y+G
 1-NO TAB
 2-TOP TABS
 3-SIDE TABS
 4-TOP TABS & SIDE TABS

DETAIL "A"
SCALE 1.5:1

REV	ECC	DESCRIPTION	DRFT	CHKD
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