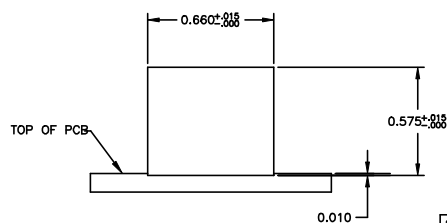
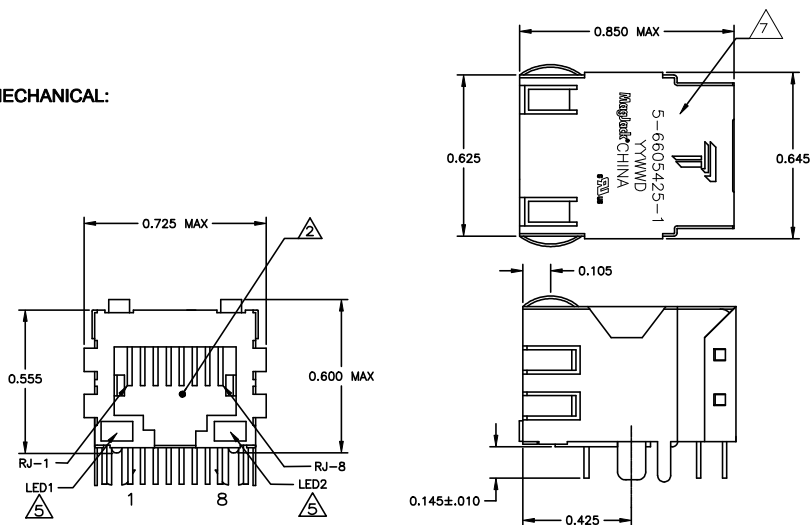


THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPERTY OF BEL/STEWART/TRP CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF TRP CONNECTOR.

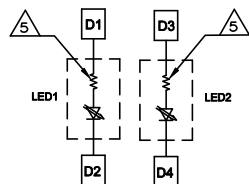
PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:
5736910 5939955 6425781 6428361 6554638 6840817 7123117
7429195 7717749 7808751 6217391 6149050 7924130

REVISIONS				
REV	DESCRIPTION	DATE	BY	APP
1	EC-1411035 COMPANY LOGO CHANGE	24DEC2014	ST	TL

MECHANICAL:

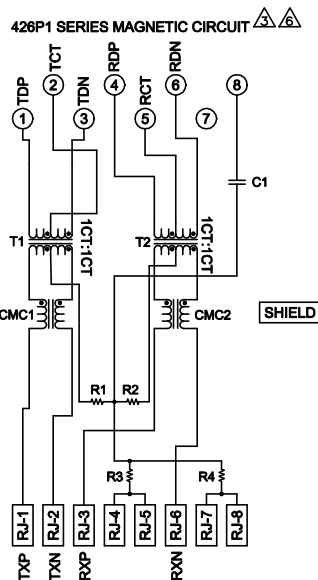


Suggested Panel Cutout

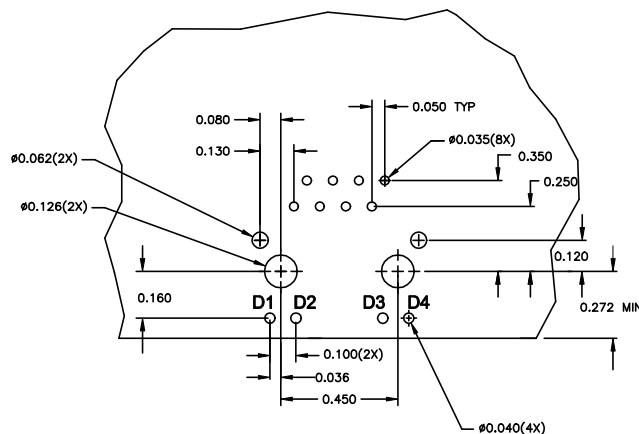


LED CONFIGURATION
FOR 5-6605425-1
AND 5-6605425-2

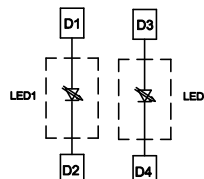
C1 = 1000 pF, 3kV CAPACITOR
R1-R4 = 75 OHMS, 1/16 W RESISTORS



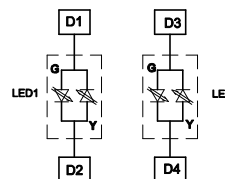
Pin Designations



Suggested PCB Layout
(Component Side)



LED CONFIGURATION
FOR 5-6605425-1
AND 5-6605425-2



LED CONFIGURATION
ONLY FOR 5-6605425-3

NOTES:

- MATERIALS:
HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94 V-0.
SHIELD - .010" THICK, C26800 BRASS PREPLATED WITH 30μINCH MIN SEMI-BRIGHT NICKEL. SOLDER TABS POST DIPPED WITH 100μINCH MIN SAC SOLDER.
MOD JACK CONTACTS - 0.0157 X 0.018" PHOSPHOR BRONZE, 50μINCH MIN OVERALL NICKEL UNDERPLATE WITH SELECT 50μINCH MIN HARD GOLD FINISH PLATE.
SOLDER TAILS WITH 100μINCH MIN MATTE TIN AND/OR SAC SOLDER DIP.
LIGHT EMITTING DIODE(LED) - DIFFUSED EPOXY LENS, .020" X .020" CARBON STEEL WIREFRAME LEADS PRE-PLATED WITH 80μINCH SILVER OVER 40μINCH NICKEL UNDERPLATE OVER 40μINCH COPPER UNDERPLATE. POST-PLATED WITH 100μINCH MIN MATTE TIN AND/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP.
- △ RJ45 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.
- △ MAGNETICS
-IMPEDANCE: 100 OHMS
-TURNS RATIO (CHIP: CABLE): TX = 1:1, RX = 1:1
-OPEN CIRCUIT INDUCTANCE (OCL): 350μH MIN @100kHz, 0.1VRMS, 8mADC BIAS FROM 0°C TO 70°C, TX AND RX
-PERFORMANCE @ 25°C:
INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz
RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 30MHz
18-20LOG(f/30)dB MIN FROM 30.1MHz TO 60MHz
12dB MIN FROM 60.1MHz TO 80MHz
CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
33-20LOG(f/50)dB MIN FROM 40.1MHz TO 100MHz
COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
-ISOLATION VOLTAGE: 2250VDC (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC.
4. OPERATING TEMPERATURE: FROM 0°C TO +70°C.
- △ THE 250 OHM LED RESISTORS ARE OPTIONAL, PLEASE SEE CHART FOR PRESENCE OR ABSENCE OF LED RESISTORS. IF THE LED WITHOUT 250 OHM RESISTORS, LED IS DRIVEN WITH CONSTANT CURRENT AT APPROX 20mA.
LED COLOR : DOMINANT WAVELENGTH (AD): GREEN 568 nm TYP @ IF=20mA
FORWARD VOLTAGE (VF): GREEN 2.2V TYP @ IF=20mA
DOMINANT WAVELENGTH (AD): YELLOW 588 nm TYP @ IF=20mA
FORWARD VOLTAGE (VF): YELLOW 2.1V TYP @ IF=20mA.
IF THE LED WITH 250 OHM RESISTORS, LED IS DRIVEN WITH 5V VOLTAGE AND THE MAX OPERATING CURRENT IS 20mA.
LED COLOR : DOMINANT WAVELENGTH (AD): GREEN 568 nm TYP @ VF=5V
FORWARD CURRENT (IF): GREEN 12 mA TYP @ VF=5V
DOMINANT WAVELENGTH (AD): YELLOW 588 nm TYP @ VF=5V
FORWARD CURRENT (IF): YELLOW 13 mA TYP @ VF=5V
- △ INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL, AND THEREFORE ARE AUTO-MDI/MDIX CAPABLE.
- △ TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.
8. THESE PARTS ARE RECOMMENDED FOR WAVE SOLDERING PROCESS, PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK SOLDERING TEMPERATURE IS 260 °C MAX, 10 SECONDS MAX.

OBsolete	GREEN/YELLOW	NO	GREEN/YELLOW	NO	5-6605425-6
OBsolete	GREEN	YES	GREEN	YES	6-6605425-1
OBsolete	YELLOW	NO	GREEN	NO	5-6605425-9
OBsolete	GREEN	NO	GREEN	NO	5-6605425-7
	GREEN	YES	YELLOW	YES	5-6605425-1
LED1	250 OHMS RESISTOR	△	LED2	250 OHMS RESISTOR	△
PART NUMBER					

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV. 1		DATE	
DRAWN BY: J. GATTADA-DOCK		CHECKED BY: J. GATTADA-DOCK		DATE: 1X1 426P1 10/100 TAB DOWN W/ LED	
DIMENSIONS: INCHES		TOLERANCES: UNLESS SPECIFIED		MAGJACK	
1.00 ± .01		.010 ± .005		SINGLE NON-POE	
2.00 ± .01		.015 ± .005		CUSTOMER DRAWING	
3.00 ± .01		.020 ± .005		SCALE: 1:1	
4.00 ± .01		.025 ± .005		SHEET: 1	
5.00 ± .01		.030 ± .005		REV: G	
6.00 ± .01		.035 ± .005			
7.00 ± .01		.040 ± .005			
8.00 ± .01		.045 ± .005			
9.00 ± .01		.050 ± .005			
10.00 ± .01		.055 ± .005			
11.00 ± .01		.060 ± .005			
12.00 ± .01		.065 ± .005			
13.00 ± .01		.070 ± .005			
14.00 ± .01		.075 ± .005			
15.00 ± .01		.080 ± .005			
16.00 ± .01		.085 ± .005			
17.00 ± .01		.090 ± .005			
18.00 ± .01		.095 ± .005			
19.00 ± .01		.100 ± .005			
20.00 ± .01		.105 ± .005			
21.00 ± .01		.110 ± .005			
22.00 ± .01		.115 ± .005			
23.00 ± .01		.120 ± .005			
24.00 ± .01		.125 ± .005			
25.00 ± .01		.130 ± .005			
26.00 ± .01		.135 ± .005			
27.00 ± .01		.140 ± .005			
28.00 ± .01		.145 ± .005			
29.00 ± .01		.150 ± .005			
30.00 ± .01		.155 ± .005			
31.00 ± .01		.160 ± .005			
32.00 ± .01		.165 ± .005			
33.00 ± .01		.170 ± .005			
34.00 ± .01		.175 ± .005			
35.00 ± .01		.180 ± .005			
36.00 ± .01		.185 ± .005			
37.00 ± .01		.190 ± .005			
38.00 ± .01		.195 ± .005			
39.00 ± .01		.200 ± .005			
40.00 ± .01		.205 ± .005			
41.00 ± .01		.210 ± .005			
42.00 ± .01		.215 ± .005			
43.00 ± .01		.220 ± .005			
44.00 ± .01		.225 ± .005			
45.00 ± .01		.230 ± .005			
46.00 ± .01		.235 ± .005			
47.00 ± .01		.240 ± .005			
48.00 ± .01		.245 ± .005			
49.00 ± .01		.250 ± .005			
50.00 ± .01		.255 ± .005			
51.00 ± .01		.260 ± .005			
52.00 ± .01		.265 ± .005			
53.00 ± .01		.270 ± .005			
54.00 ± .01		.275 ± .005			
55.00 ± .01		.280 ± .005			
56.00 ± .01		.285 ± .005			
57.00 ± .01		.290 ± .005			
58.00 ± .01		.295 ± .005			
59.00 ± .01		.300 ± .005			
60.00 ± .01		.305 ± .005			
61.00 ± .01		.310 ± .005			
62.00 ± .01		.315 ± .005			
63.00 ± .01		.320 ± .005			
64.00 ± .01		.325 ± .005			
65.00 ± .01		.330 ± .005			
66.00 ± .01		.335 ± .005			
67.00 ± .01		.340 ± .005			
68.00 ± .01		.345 ± .005			
69.00 ± .01		.350 ± .005			
70.00 ± .01		.355 ± .005			
71.00 ± .01		.360 ± .005			
72.00 ± .01		.365 ± .005			
73.00 ± .01		.370 ± .005			
74.00 ± .01		.375 ± .005			
75.00 ± .01		.380 ± .005			
76.00 ± .01		.385 ± .005			
77.00 ± .01		.390 ± .005			
78.00 ± .01		.395 ± .005			
79.00 ± .01		.400 ± .005			
80.00 ± .01		.405 ± .005			
81.00 ± .01		.410 ± .005			
82.00 ± .01		.415 ± .005			
83.00 ± .01		.420 ± .005			
84.00 ± .01		.425 ± .005			
85.00 ± .01		.430 ± .005			
86.00 ± .01		.435 ± .005			
87.00 ± .01		.440 ± .005			
88.00 ± .01		.445 ± .005			
89.00 ± .01		.450 ± .005			
90.00 ± .01		.455 ± .005			
91.00 ± .01		.460 ± .005			
92.00 ± .01		.465 ± .005			
93.00 ± .01		.470 ± .005			
94.00 ± .01		.475 ± .005			
95.00 ± .01		.480 ± .005			
96.00 ± .01		.485 ± .005			
97.00 ± .01		.490 ± .005			
98.00 ± .01		.495 ± .005			
99.00 ± .01		.500 ± .005			
100.00 ± .01		.505 ± .005			

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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