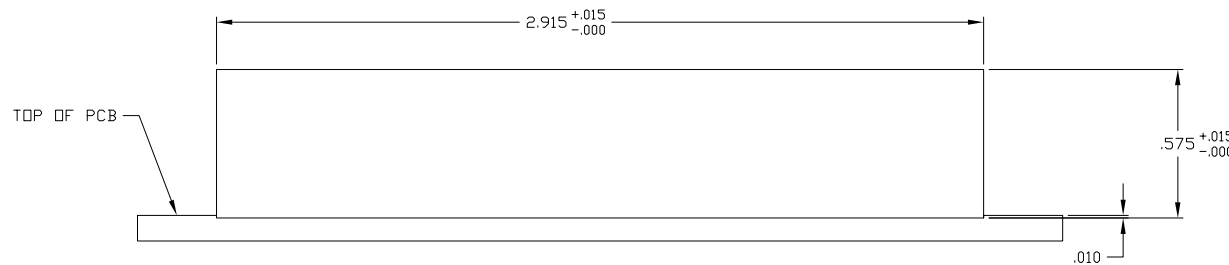
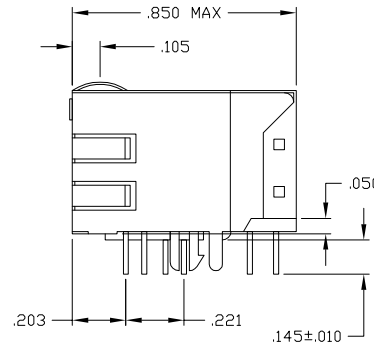
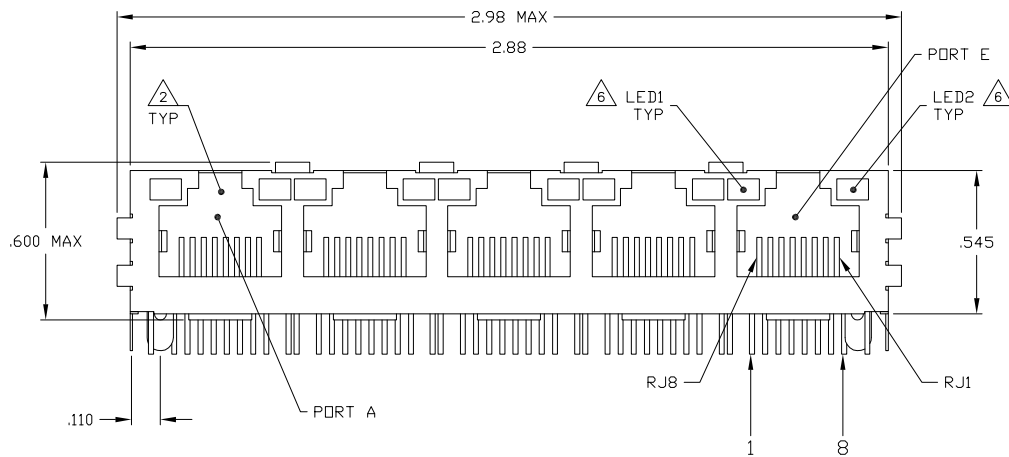
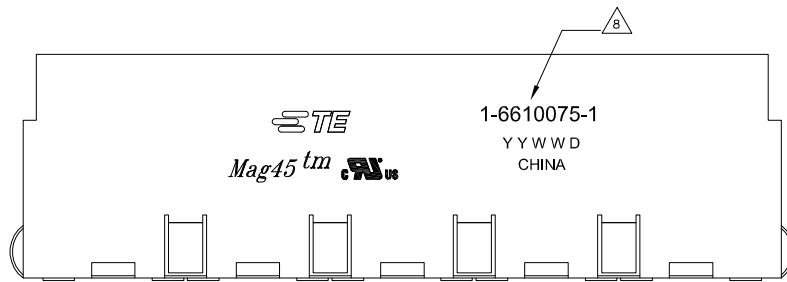


LOC	DATE	REVISIONS	DATE	BY	APP
AA	22				
B	REV PER ECO-08-016861		27JUN2008	QL	TX
B1	REVISED PER ECO-09-024927		11NOV09	KK	AEG
C	ECO-11-013348		20MAY2011	EL	LR

MECHANICAL:



1X5 SUGGESTED PANEL CUTOUT

- MATERIALS:
  - HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-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 100μIN 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 AND WITH ALL PORTS CONNECTED.

- C1 IS AN OPTIONAL CAPACITOR. IF NO CAPACITOR, TRACE IS CONTINUOUS. SEE TABLE FOR PRESENCE OF CAPACITOR IN DIFFERENT CONFIGURATIONS.

- 5. OPERATING TEMPERATURE: FROM 0° TO -70°C.

- LEDS WITH BUILT-IN RESISTOR
  - LEDS ARE DRIVEN WITH 5V VOLTAGE AND THE MAX OPERATING CURRENT IS 20mA.
  - LED COLOR : DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP. @ VF=5V
  - FORWARD CURRENT (IF): GREEN 12 mA TYP. @ VF=5V
  - DOMINANT WAVELENGTH (λD): 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 SUPPORT AUTO-MDI/MDIX.

- TE CONNECTIVITY LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.

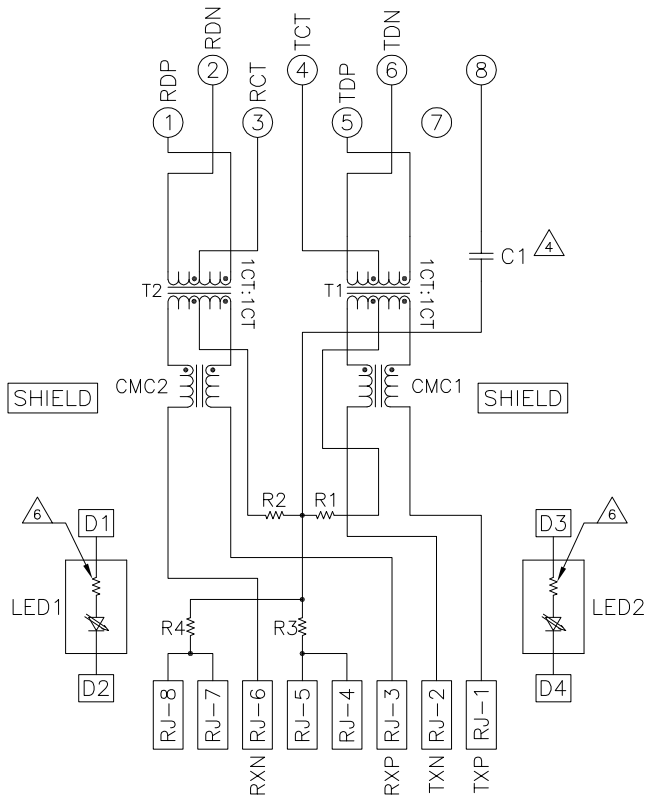
- 9. THESE PARTS IS RECOMMENDED FOR WAVE SOLDERING PROCESS, PEAK WAVE SOLDERING TEMPERATURE IS 265°C MAX, 10 SECONDS MAX.

- OBsolete PARTS: OBSOLETE C15 STREAMLINING PER D.RENAUD/D.SINISI

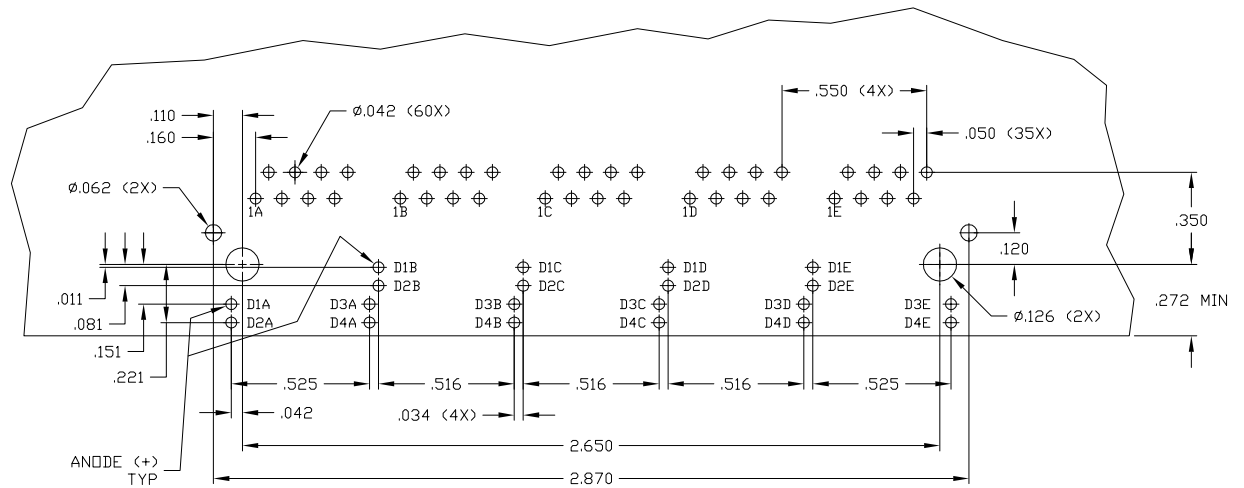
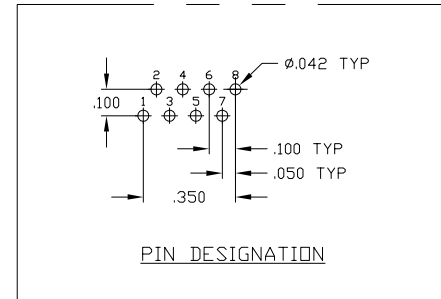
OBsolete	YES	GREEN	GREEN	6-6610075-1
	YES	GREEN	YELLOW	5-6610075-1
	NO	GREEN	GREEN	1-6610075-1
DECOUPLING CAPACITOR		LED1	LED2	PART NUMBER

DIMENSIONS:		INCHES		MILLIMETERS	
0 PAC	± .010	0 PAC	± .254	0 PAC	± .254
1 PAC	± .010	1 PAC	± .254	1 PAC	± .254
2 PAC	± .010	2 PAC	± .254	2 PAC	± .254
3 PAC	± .010	3 PAC	± .254	3 PAC	± .254
4 PAC	± .010	4 PAC	± .254	4 PAC	± .254
5 PAC	± .010	5 PAC	± .254	5 PAC	± .254
6 PAC	± .010	6 PAC	± .254	6 PAC	± .254
7 PAC	± .010	7 PAC	± .254	7 PAC	± .254
8 PAC	± .010	8 PAC	± .254	8 PAC	± .254
9 PAC	± .010	9 PAC	± .254	9 PAC	± .254
10 PAC	± .010	10 PAC	± .254	10 PAC	± .254
11 PAC	± .010	11 PAC	± .254	11 PAC	± .254
12 PAC	± .010	12 PAC	± .254	12 PAC	± .254
13 PAC	± .010	13 PAC	± .254	13 PAC	± .254
14 PAC	± .010	14 PAC	± .254	14 PAC	± .254
15 PAC	± .010	15 PAC	± .254	15 PAC	± .254
16 PAC	± .010	16 PAC	± .254	16 PAC	± .254
17 PAC	± .010	17 PAC	± .254	17 PAC	± .254
18 PAC	± .010	18 PAC	± .254	18 PAC	± .254
19 PAC	± .010	19 PAC	± .254	19 PAC	± .254
20 PAC	± .010	20 PAC	± .254	20 PAC	± .254
21 PAC	± .010	21 PAC	± .254	21 PAC	± .254
22 PAC	± .010	22 PAC	± .254	22 PAC	± .254
23 PAC	± .010	23 PAC	± .254	23 PAC	± .254
24 PAC	± .010	24 PAC	± .254	24 PAC	± .254
25 PAC	± .010	25 PAC	± .254	25 PAC	± .254
26 PAC	± .010	26 PAC	± .254	26 PAC	± .254
27 PAC	± .010	27 PAC	± .254	27 PAC	± .254
28 PAC	± .010	28 PAC	± .254	28 PAC	± .254
29 PAC	± .010	29 PAC	± .254	29 PAC	± .254
30 PAC	± .010	30 PAC	± .254	30 PAC	± .254
31 PAC	± .010	31 PAC	± .254	31 PAC	± .254
32 PAC	± .010	32 PAC	± .254	32 PAC	± .254
33 PAC	± .010	33 PAC	± .254	33 PAC	± .254
34 PAC	± .010	34 PAC	± .254	34 PAC	± .254
35 PAC	± .010	35 PAC	± .254	35 PAC	± .254
36 PAC	± .010	36 PAC	± .254	36 PAC	± .254
37 PAC	± .010	37 PAC	± .254	37 PAC	± .254
38 PAC	± .010	38 PAC	± .254	38 PAC	± .254
39 PAC	± .010	39 PAC	± .254	39 PAC	± .254
40 PAC	± .010	40 PAC	± .254	40 PAC	± .254
41 PAC	± .010	41 PAC	± .254	41 PAC	± .254
42 PAC	± .010	42 PAC	± .254	42 PAC	± .254
43 PAC	± .010	43 PAC	± .254	43 PAC	± .254
44 PAC	± .010	44 PAC	± .254	44 PAC	± .254
45 PAC	± .010	45 PAC	± .254	45 PAC	± .254
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50 PAC	± .010	50 PAC	± .254	50 PAC	± .254
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53 PAC	± .010	53 PAC	± .254	53 PAC	± .254
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73 PAC	± .010	73 PAC	± .254	73 PAC	± .254
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81 PAC	± .010	81 PAC	± .254	81 PAC	± .254
82 PAC	± .010	82 PAC	± .254	82 PAC	± .254
83 PAC	± .010	83 PAC	± .254	83 PAC	± .254
84 PAC	± .010	84 PAC	± .254	84 PAC	± .254
85 PAC	± .010	85 PAC	± .254	85 PAC	± .254
86 PAC	± .010	86 PAC	± .254	86 PAC	± .254
87 PAC	± .010	87 PAC	± .254	87 PAC	± .254
88 PAC	± .010	88 PAC	± .254	88 PAC	± .254
89 PAC	± .010	89 PAC	± .254	89 PAC	± .254
90 PAC	± .010	90 PAC	± .254	90 PAC	± .254
91 PAC	± .010	91 PAC	± .254	91 PAC	± .254
92 PAC	± .010	92 PAC	± .254	92 PAC	± .254
93 PAC	± .010	93 PAC	± .254	93 PAC	± .254
94 PAC	± .010	94 PAC	± .254	94 PAC	± .254
95 PAC	± .010	95 PAC	± .254	95 PAC	± .254
96 PAC	± .010	96 PAC	± .254	96 PAC	± .254
97 PAC	± .010	97 PAC	± .254	97 PAC	± .254
98 PAC	± .010	98 PAC	± .254	98 PAC	± .254
99 PAC	± .010	99 PAC	± .254	99 PAC	± .254
100 PAC	± .010	100 PAC	± .254	100 PAC	± .254


726 SERIES MAGNETIC CIRCUIT 



C1 = 1000 pF, 2kV DECOUPLING CAPACITOR  
R1-R4 = 75 OHMS, 1/16W, 5% RESISTORS



SUGGESTED PCB LAYOUT  
(Component Side)

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	1	DATE	17MAY2008	 <b>TE Connectivity</b>
DRAWN BY: VARELA - 17MAY2008		CHKD	1	DATE	17MAY2008	
DIMENSIONS:		TO DIMENSIONS UNLESS OTHERWISE SPECIFIED:		DRAWING NO.		1X5 MAG45(TM) MODULAR JACK, 7W2 SCHEMATIC, 726 SERIES MAGNETIC CIRCUIT, SHIELDED, OPTIONAL DECOUPLING CAPACITOR, WITH RESISTOR LEADS
INCHES		MILLIMETERS		SCALE		108-2100
0 P.C. ± .010		1 P.C. ± .010		SHEET		2
1 P.C. ± .010		2 P.C. ± .010		REV		C
2 P.C. ± .010		3 P.C. ± .010		CUSTOMER DRAWING		
3 P.C. ± .010		4 P.C. ± .010		SCALE		NTS
4 P.C. ± .010		5 P.C. ± .010		DRAWING NO.		A100779C=6610075
MATERIAL		FINISH		WEIGHT		

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)