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'PROPRIETARY' TO BEL FUSE INC. AND SHALL NOT BE
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LED1 POLARITY			LED2 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
-	+	GREEN	-	+	GREEN
+	-	YELLOW	+	-	YELLOW

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

TP1	1CT : 1CT $\pm 2\%$
TP2	1CT : 1CT $\pm 2\%$
TP3	1CT : 1CT $\pm 2\%$
TP4	1CT : 1CT $\pm 2\%$

DCL @ 100kHz/100mVRMS 350 μ H MIN.

8mA DC BIAS (0°C - 70°C)

INS. LOSS

100KHz TO 125MHz -1.2 dB MAX

RET. LOSS (MIN) @ 100ΩHMS $\pm 15\%$

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

CROSS TALK

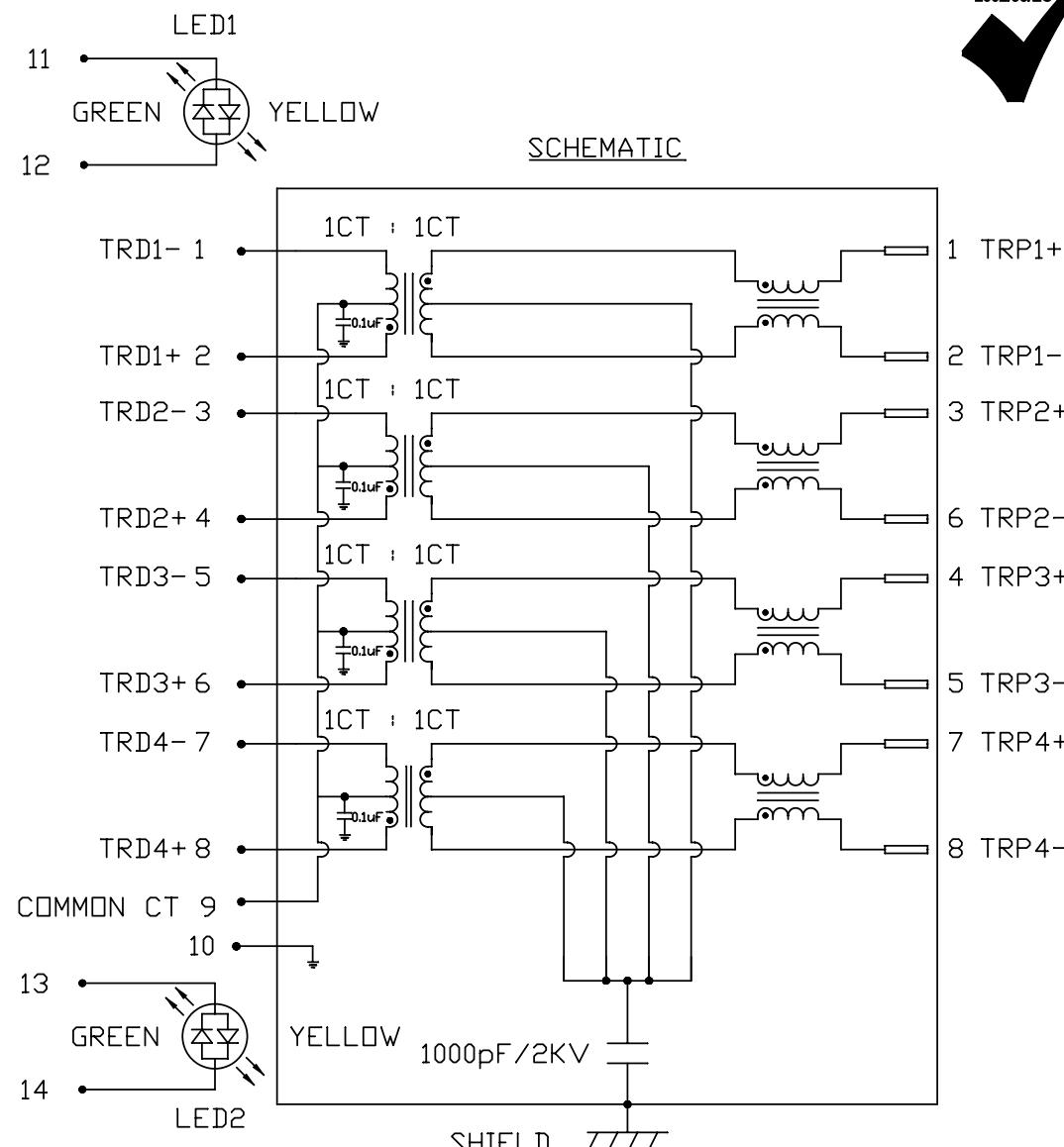
1MHz - 60MHz	-35 dB MIN
60MHz -100MHz	-25 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH
IEEE 802.3 ISOLATION REQUIREMENTS.

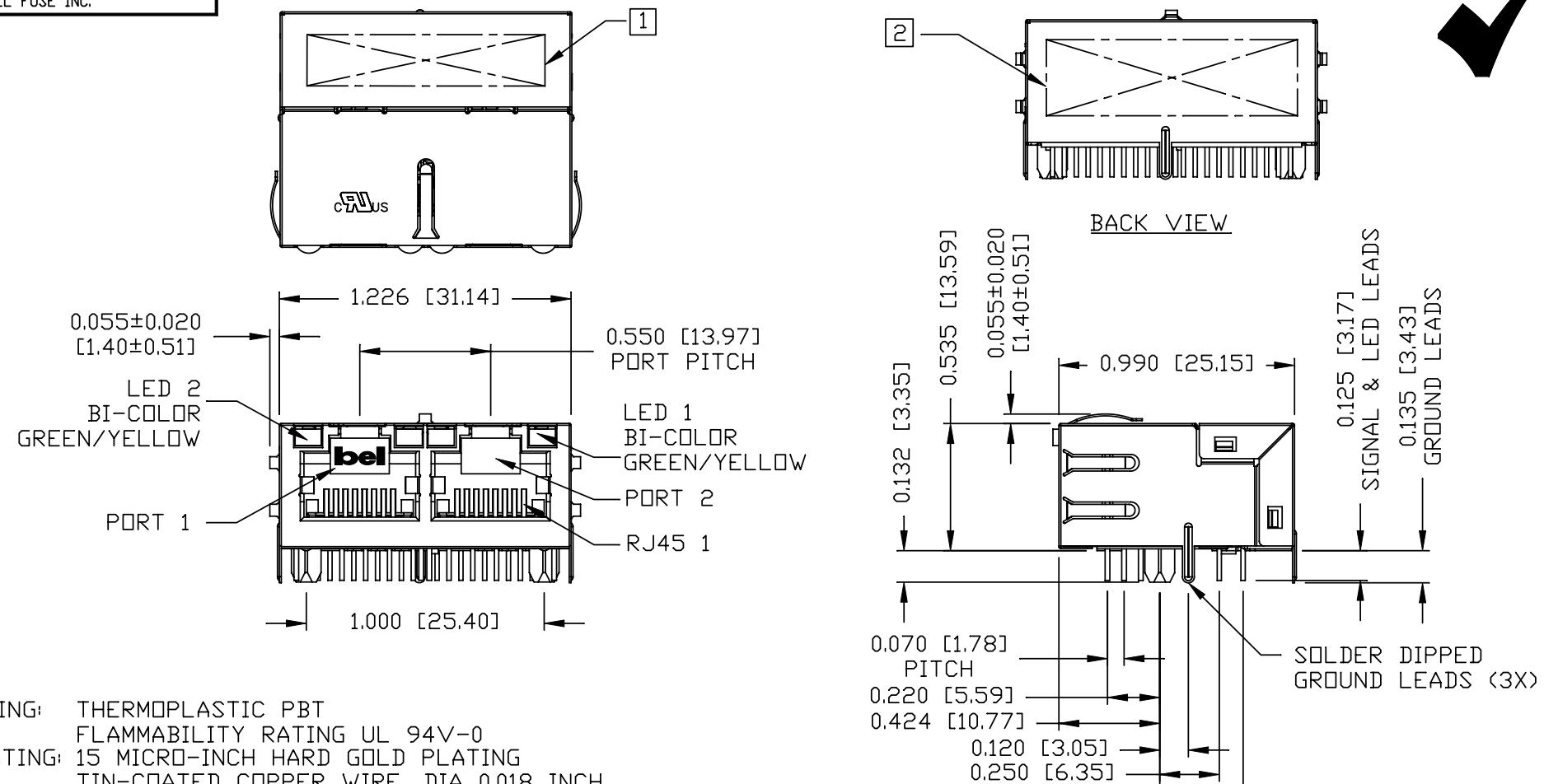
LED 1 & 2 (LED POLARITY DIFFERENT THAN BEL STANDARD)

VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP. YELLOW 2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP. YELLOW 590nm TYP.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHOW WANGCHUNG	07-08-09	1X2 gigabit MagJack® (WITH LED)	0875-1C2T-E3	TOL. IN INCH	UNIT : INCH [mm] REV. : C
DRAWN BY	DATE	PATENTED	FILE NAME	.X	.XX
LEE WEIDE	07-08-09		0875-1C2T-E3_C.DWG	.XX	.XXX
DC002(2)051509					

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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0

CONTACTS PLATING: 15 MICRO-INCH HARD GOLD PLATING
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

[1] MARK PART WITH MFG LOGO AND MFG NAME.

[2] MARK PART WITH PART NUMBER DATE CODE AND PATENTED.

UL RECOGNIZED - FILE #E196366 AND E169987.

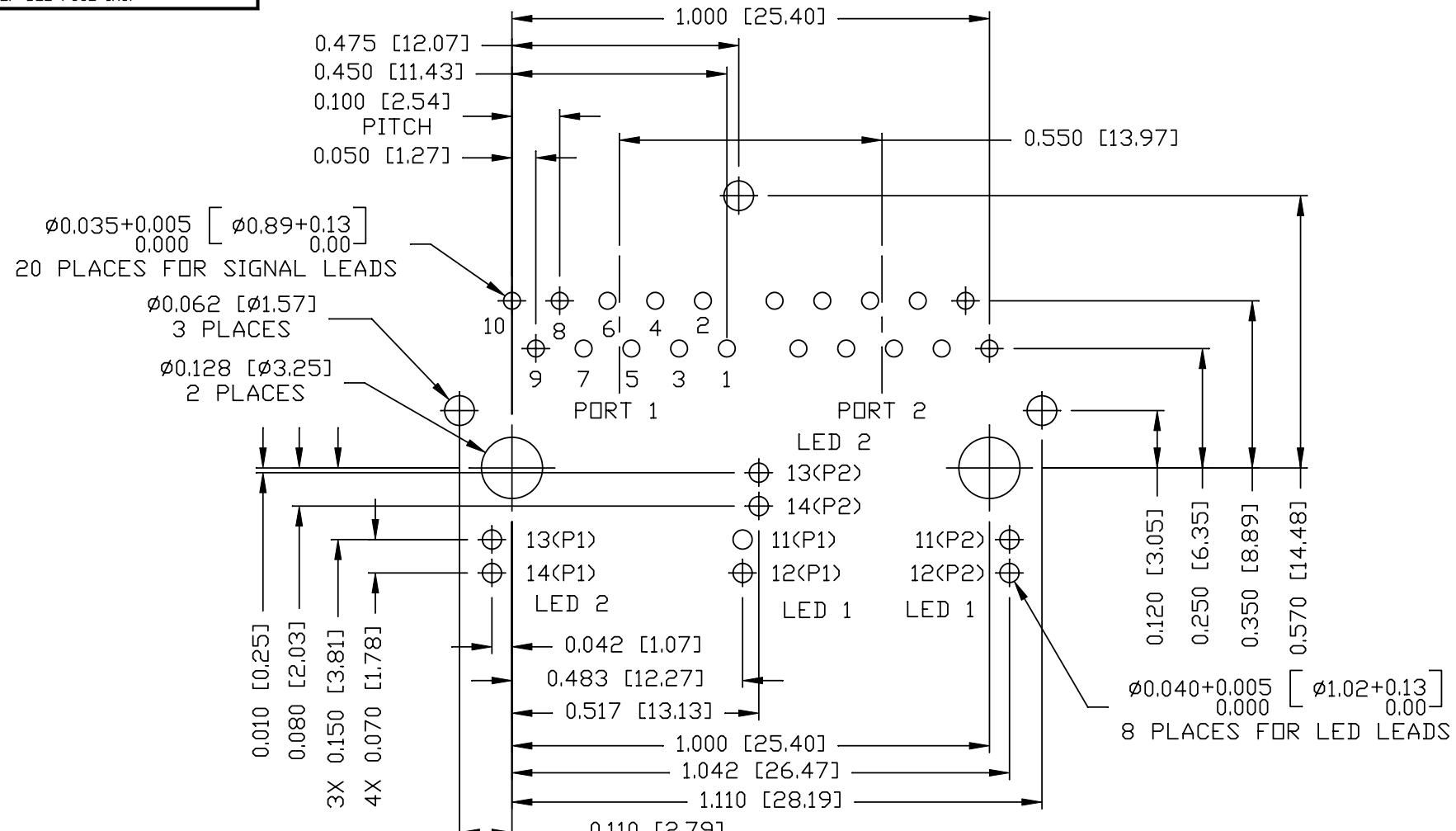
2. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
3. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC
4. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS U.S. PAT. 5,736,910.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	UNIT : INCH [mm]	REV. : C
DRAWN BY	DATE		FILE NAME	TOL. IN INCH			
LIU QIN	07-08-09	1X2 gigabit MagJack® (WITH LED)	0875-1C2T-E3	.X			
XIAN JIAJIN	07-08-09	PATENTED	0875-1C2T-E3_C.DWG	.XX		SCALE : N/A	SIZE : A4



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RoHS
 2002/95/EC



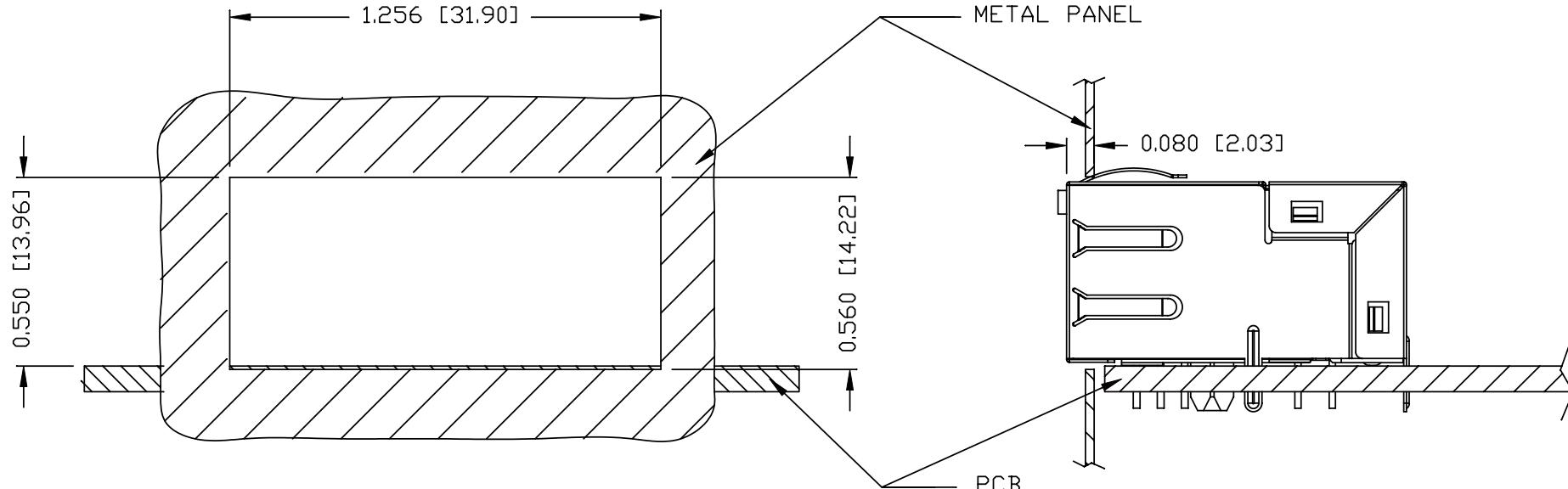
RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
DRAWN BY	DATE		FILE NAME	TOL. IN INCH	UNIT : INCH [mm]
LIU QIN	07-08-09	1X2 gigabit MagJack® (WITH LED)	0875-1C2T-E3	.X	REV. : C
XIAN JIAXIN	07-08-09	PATENTED	0875-1C2T-E3_C.DWG	.XX	SCALE : N/A
				.XXX	SIZE : A4
				±0.004	PAGE : 4

bel
 COMPONENTS FOR A
 CONNECTED PLANET

SUGGESTED PANEL OPENING



NOTES:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
 IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-G4 (TOP)
 0200-9999-G5 (BOTTOM)

PACKING QUANTITY : 49 PCS FINISHED GOODS PER TRAY
 8 TRAYS (392 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
 (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY LIU QIN	DATE 07-08-09	TITLE 1X2 gigabit MagJack® (WITH LED) PATENTED	PART NO. / DRAWING NO. 0875-1C2T-E3	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
DRAWN BY XIAN JIAJIN	DATE 07-08-09		FILE NAME 0875-1C2T-E3_C.DWG	.X	UNIT : INCH [mm]	REV. : C
				.XX	SCALE : N/A	SIZE : A4
				.XXX	±0.004	PAGE : 5
DC002(2)051509						