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PRELIMINARY



LED 2 & 4 POLARITY			LED 1 & 3 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
+	-	GREEN	+	-	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1 1CT : 1CT ±2%
 TP2 1CT : 1CT ±2%

□CL @ 100kHz/100mVRMS

8mA DC BIAS (0°C - 70°C) 350µH MIN.

INS. LOSS

0.1MHz TO 1MHz -1.1 dB MAX
 1MHz TO 65MHz -0.5 dB MAX
 65MHz TO 100MHz -1.0 dB MAX

RET. LOSS (MIN) @ 100ΩHMS ±15%

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

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

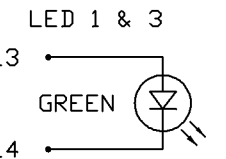
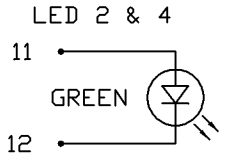
100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms

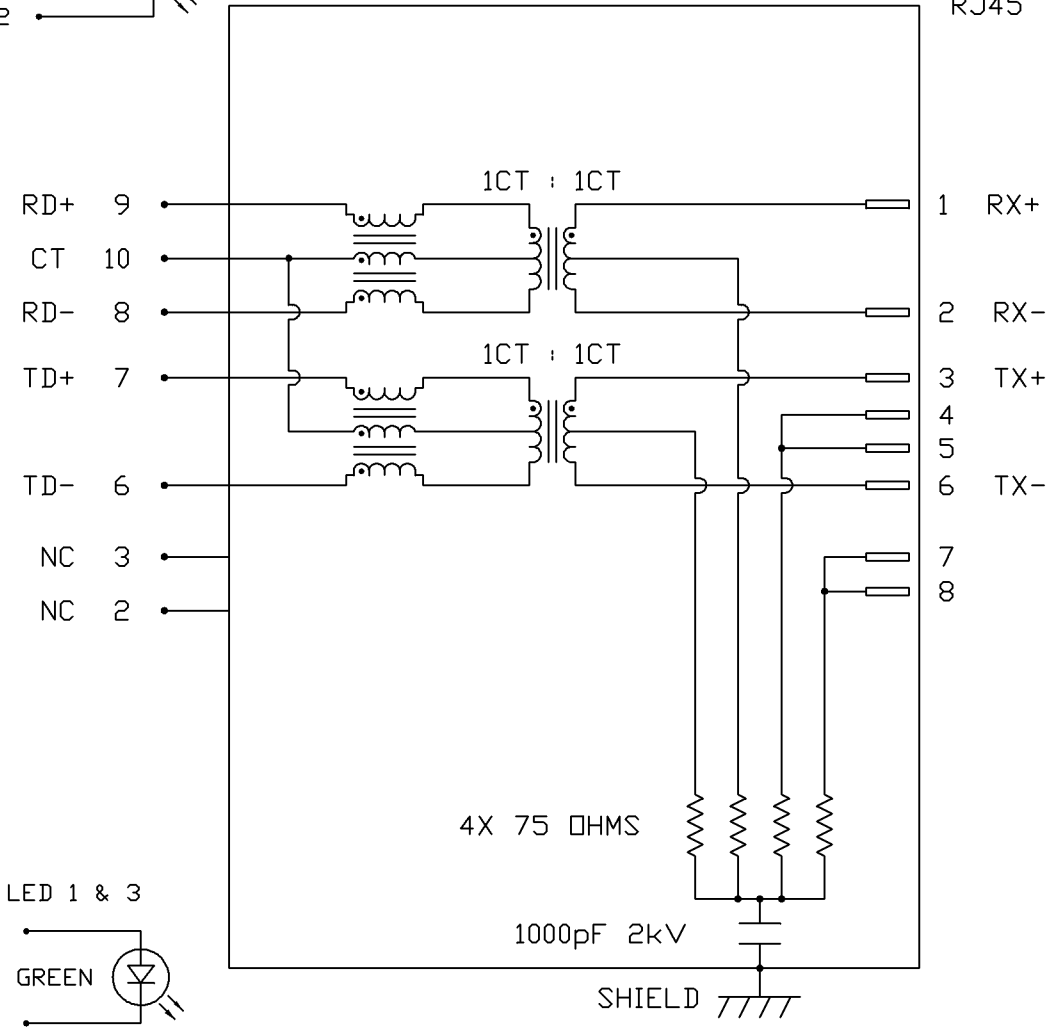
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1,LED 2,LED 3 & LED 4

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



SCHEMATIC



ORIGINATED BY	DATE	TITLE
CHOW WANCHUNG	01-12-09	2X3 MagJack® (COMPRESSOR SERIES)
DRAWN BY	DATE	
LEE WEIDE	01-12-09	

PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
C850-2G3R-M9	TOL. IN INCH	UNIT : INCH [mm] REV. : PB
FILE NAME	.X	SCALE : N/A SIZE : A4
C850-2G3R-M9_PB.DWG	.XX	⊕ --- PAGE : 2
	.XXX	

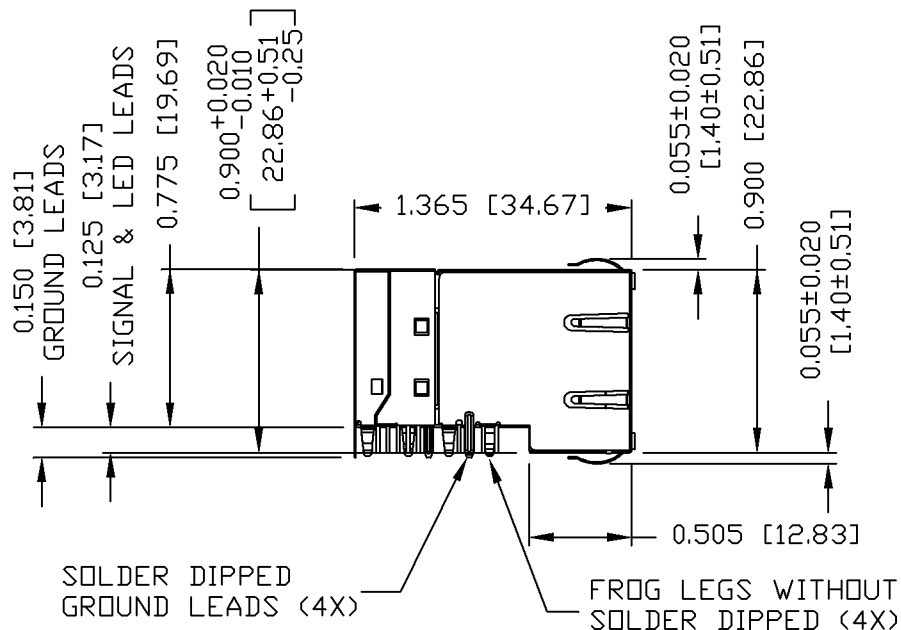
REV. : PB	SIZE : A4
SCALE : N/A	PAGE : 2



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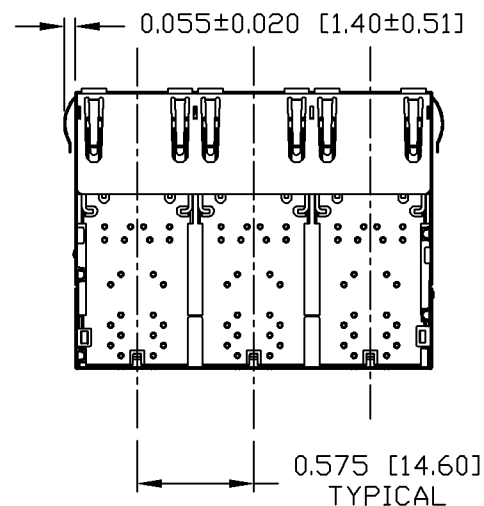
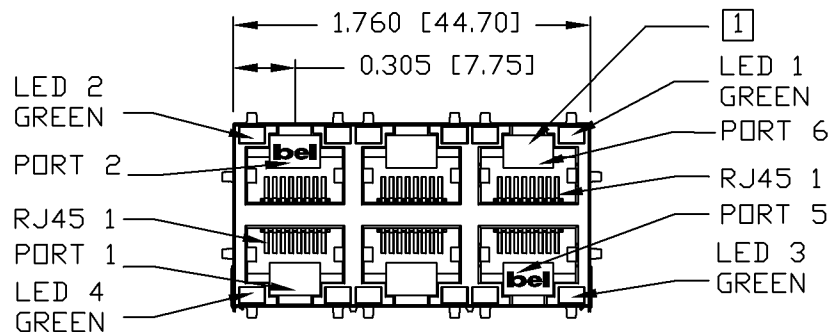
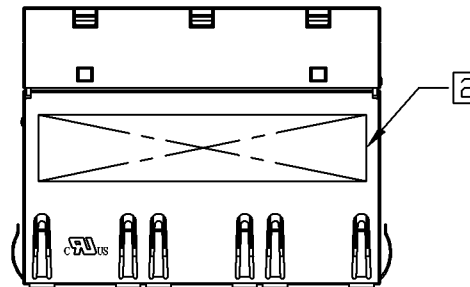
RoHS
2002/95/EC



NOTES:
 PLASTIC HOUSING: THERMOPLASTIC PBT
 FLAMMABILITY RATING UL 94V-0
 CONTACT PLATING: 30 MICRO-INCH HARD GOLD PLATING
 OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
 METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
 (ALL GROUND LEADS ARE SOLDER DIPPED)
 FROG LEGS ARE FOR PDB RETENTION
 FORCE ONLY AND NOT FOR GROUNDING PURPOSE

- [1.] JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- [2.] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

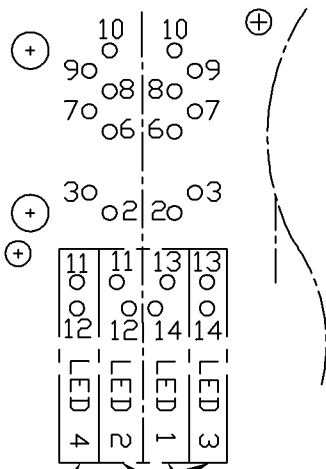
c US UL RECOGNIZED - FILE #E196366 AND E169987.
 RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.



ORIGINATED BY HOWFAR WEI	DATE 01-12-09	TITLE 2X3 MagJack® (COMPRESSOR SERIES)	PART NO. / DRAWING NO. C850-2G3R-M9	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		
				.X		UNIT : INCH [mm]	REV. : PB	
DRAWN BY JOLLY LUD	DATE 01-12-09		FILE NAME C850-2G3R-M9_PB.DWG	.XX		SCALE : N/A	SIZE : A4	COMPONENTS FOR A CONNECTED PLANET
				.XXX	±0.010		PAGE : 3	

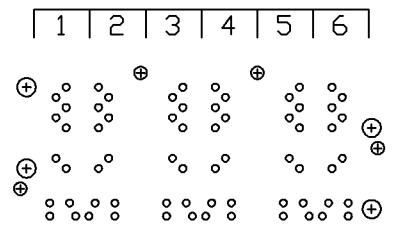
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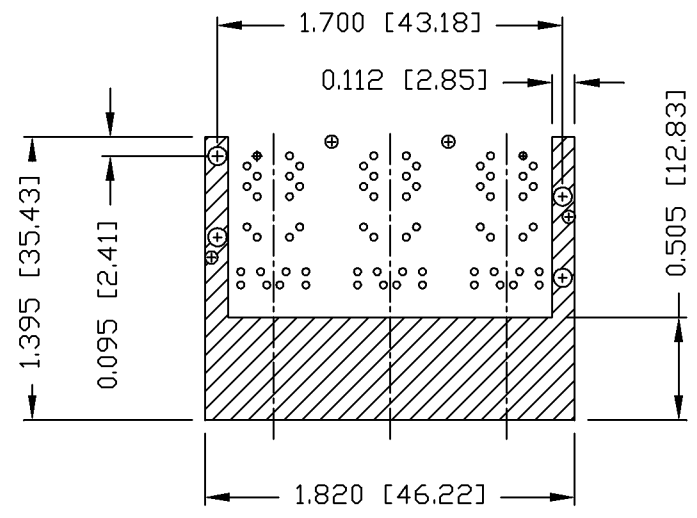
LED FOR LOWER DECK LED FOR UPPER DECK

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

14	GREEN (-)
13	GREEN (+)
12	GREEN (-)
11	GREEN (+)
10	CT
9	RD+
8	RD-
7	TD+
6	TD-
5	NO PIN
4	NO PIN
3	NC
2	NC
1	NO PIN

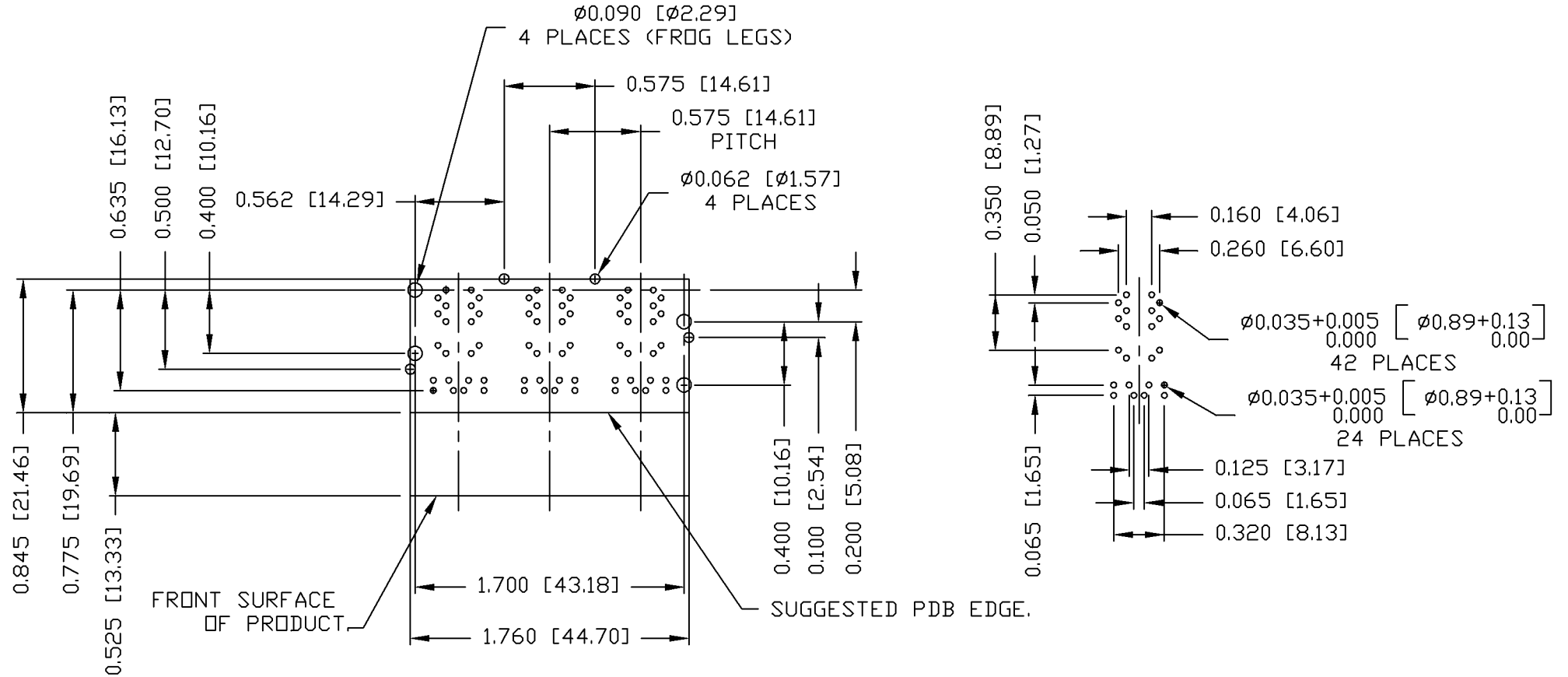


THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

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			FILE NAME C850-2G3R-M9_PB.DWG		.X	/	UNIT : INCH [mm]	REV. : PB	
DRAWN BY JOLLY LUO	DATE 01-12-09				.XX	/	SCALE : N/A	SIZE : A4	PAGE : 4
					.XXX	±0.004			

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SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

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	DRAWN BY JOLLY LUD		DATE 01-12-09	FILE NAME C850-2G3R-M9_PB.DWG	.X .XX .XXX	UNIT : INCH [mm]
				±0.004	SCALE : N/A	SIZE : A4
						PAGE : 5

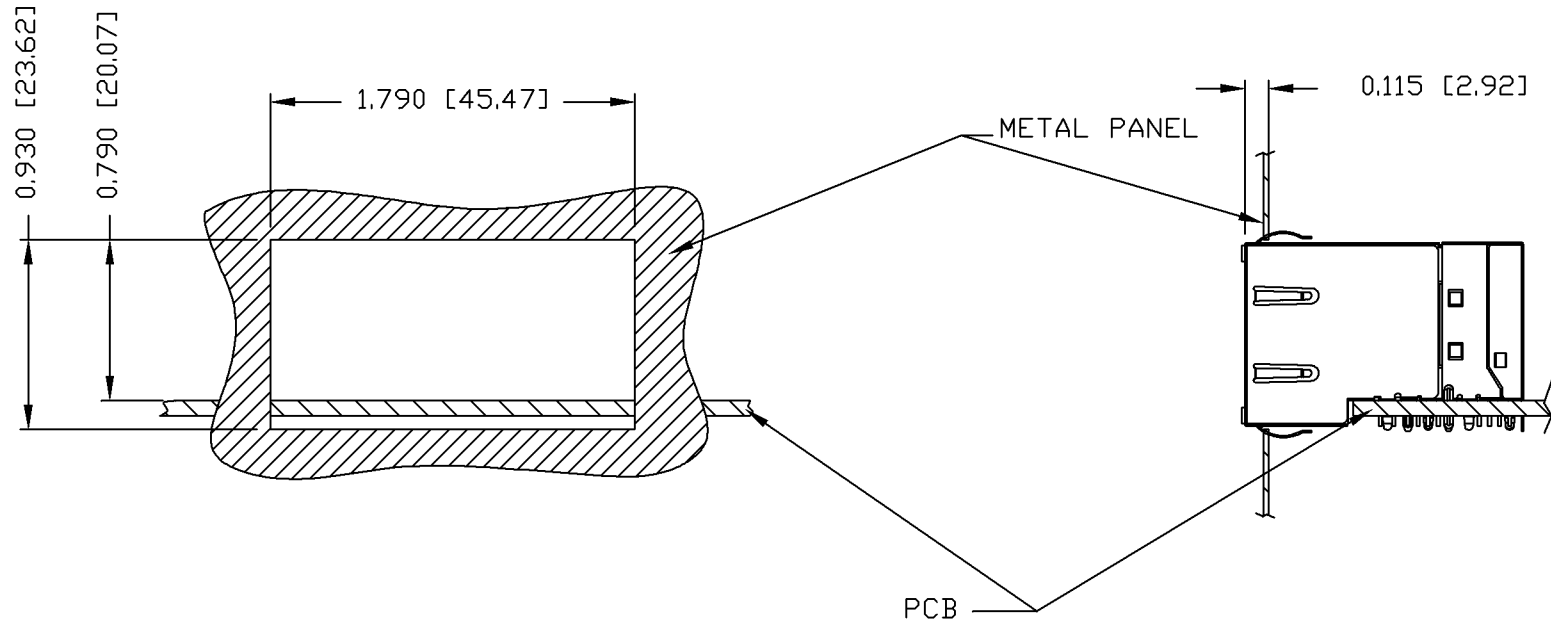


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PRELIMINARY



SUGGESTED PANEL OPENING



NOTE:

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-G8 (TOP)

0200-9999-G9 (BOTTOM)

PACKING QUANTITY : 30 PDS FINISHED GOODS PER TRAY.

6 TRAYS (180 PDS FINISHED GOODS) PER CARTON BOX.

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.

(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

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				.X		UNIT : INCH [mm]	REV. : PB	
DRAWN BY JOLLY LUO	DATE 01-12-09		FILE NAME C850-2G3R-M9_PB.DWG	.XX		SCALE : N/A	SIZE : A4	PAGE : 6
				.XXX	±0.004			