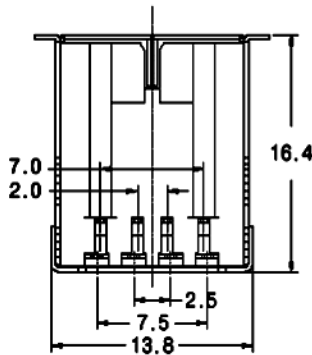


PCB LAYOUT



NOTES:

MATERIALS

- SHELLS: HIGH STRENGTH COPPER ALLOY
- HOUSINGS: THERMOPLASTIC UL94V-0 RATED
- TERMINALS: HIGH STRENGTH COPPER ALLOY

PLATING

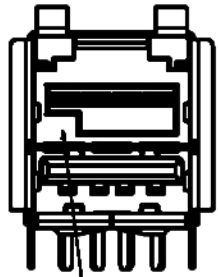
- SHELL: UNDERPLATE; 40 MICROINCHES Ni
100 MICROINCHES MIN TIN
- TERMINALS: UNDERPLATE; 40 MICROINCHES Ni
CONTACT AREA; 30 MICROINCHES AU
TAIL AREA; 100 MICROINCHES TIN

- * ALL THE MATERIAL CORRESPOND "ROHS" STANDARD.
- * USB SECTION CONFORMS TO USB 2.0 SPECIFICATION.
- * THIS CONNECTOR IS UNDER LICENSE OF IBM.

mat'l code		SEE TABLE		tolerances unless otherwise specified		CUSTOMER		Merry-Link	
ltr	ecn no.	dr	date	linear		COPY			
A			9/24/04		.X ± .3	projection		USB + PWR RECEPTACLE	
B	MLEC0208		Feb/8/06		.XX ± .13	MM			product family
C				angles	.XXX ± .051	scale		code	
D				dr	0° ± 2°	1:1		size	
E				enrg				dwg no	
F				ctr	FRANK			A	
G				appd	GRACE YU				USB868
sheet index	revision sheet	G	G	F				sheet 1 of 2	
		1	2	3					

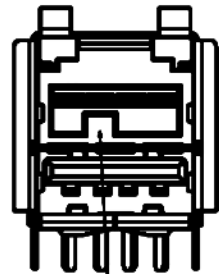
NOTES:

12V KEY POSITION



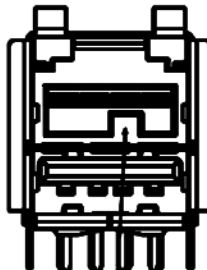
KEY POS. 1

24V KEY POSITION



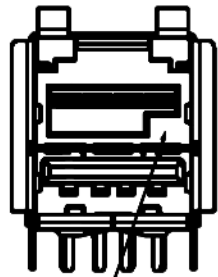
KEY POS. 2

5V KEY POSITION

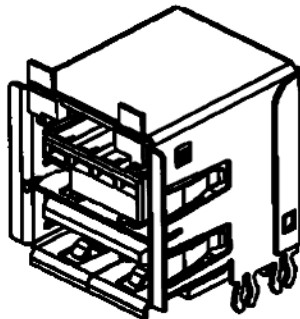
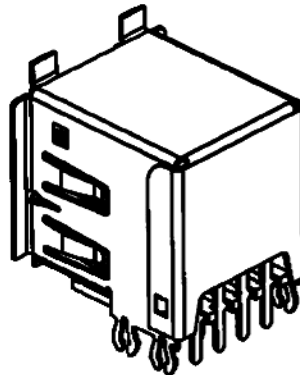


KEY POS. 3

19V KEY POSITION



KEY POS. 4



CONTACT NUMBER	PRODUCT DASH NUMBER			MATING Sequence
	-1XX	-2XX	-3XX	
1	VCC	VCC	VCC	2
2	- DATA	- DATA	- DATA	3
3	+ DATA	+ DATA	+ DATA	3
4	GROUND	GROUND	GROUND	2
5	GROUND	GROUND	GROUND	2
6	12V	24V	5V	3
7	12V	24V	5V	3
8	GROUND	GROUND	GROUND	2
SHELL	SHIELD	SHIELD	SHIELD	1

PRODUCT NUMBER	DESCRIPTION	VOLTAGE	COLOR
USB868-100	KEY POSITION 1	12V	BLACK
USB868-101	KEY POSITION 1	12V	TEAL
USB868-200	KEY POSITION 2	24V	BLACK
USB868-201	KEY POSITION 2	24V	RED
USB868-300	KEY POSITION 3	5V	BLACK
USB868-301	KEY POSITION 3	5V	YELLOW
USB868-302	KEY POSITION 3	5V	COOL GRAY
USB868-401	KEY POSITION 4	19V	PURPLE

mat'l code		SEE TABLE			tolerances unless otherwise specified		CUSTOMER		Merry-Link	
ltr	ecn no.	dr	date	linear	.X ±.3	COPY		title		
A			9/24/04		.XX ±.13	projection		USB + PWR RECEPTACLE		
B	MLEC0208		Feb/8/06		.XXX ±.051	 MM		product family		
C				angles	0° ±2°			size		code
D				dr		scale		dwg no		
E				enrg		1:1		A		
F				ctr				USB868		
G				oppd				sheet		
sheet index	revision sheet	G	G	F				2 of 2		
		1	2	3						