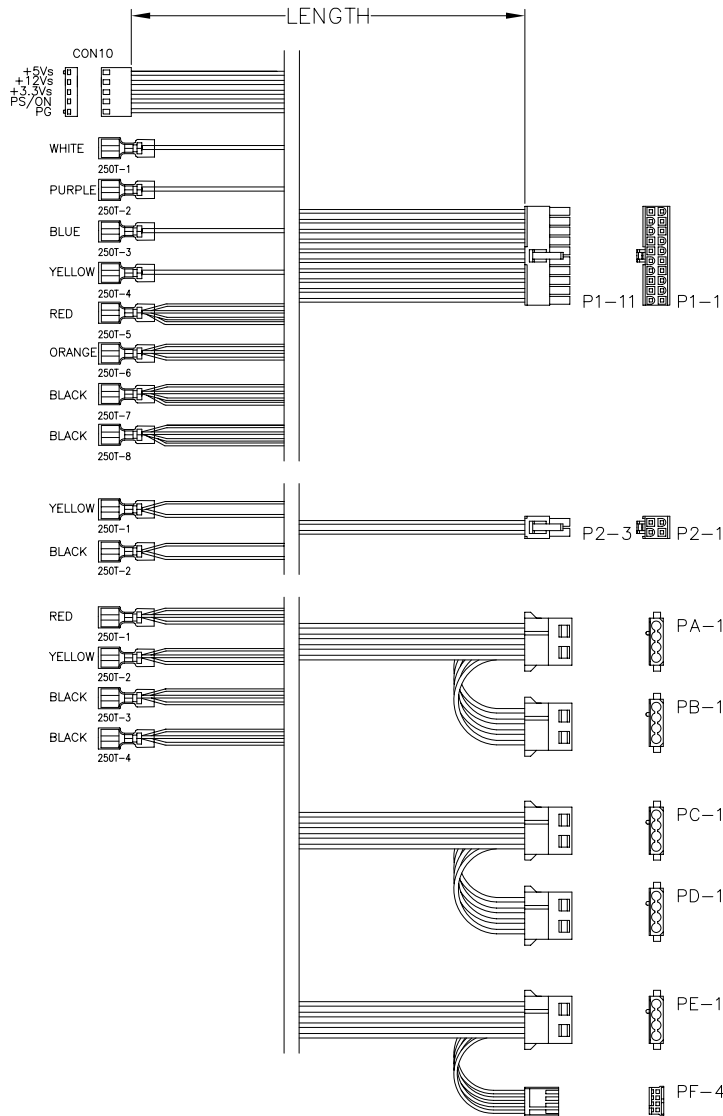
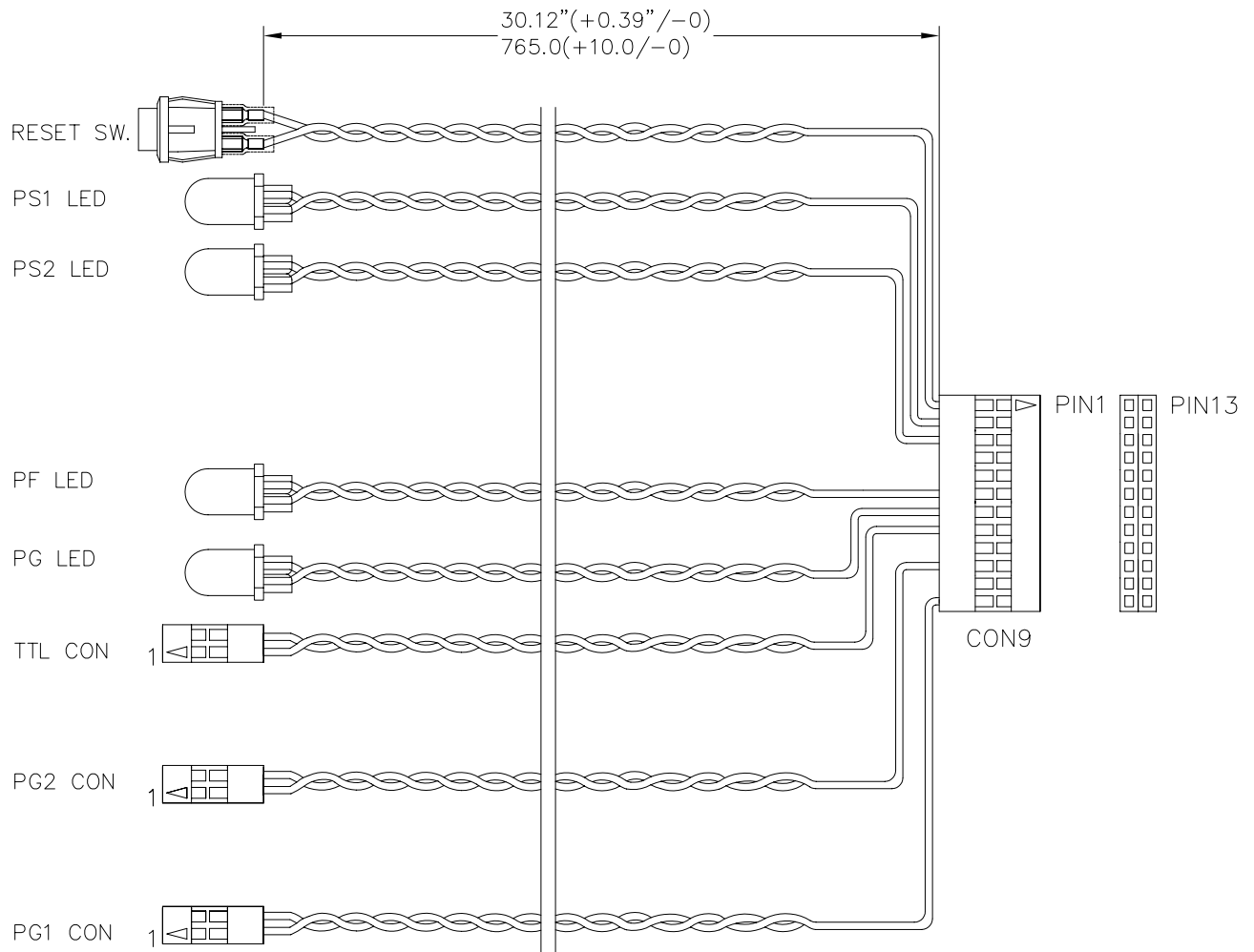


FIG-1: DC OUTPUT CONNECTOR



| CONN        | PIN | WIRE COLOR | OUTPUT    | LENGTH               |
|-------------|-----|------------|-----------|----------------------|
| P1          | 1   | ORANGE     | +3.3V, S+ | 20.0±1.0<br>(510±25) |
|             |     | ORANGE     | +3.3V     |                      |
|             | 2   | ORANGE     | +3.3V     |                      |
|             | 3   | BLACK      | GND       |                      |
|             | 4   | RED        | +5V       |                      |
|             | 5   | BLACK      | GND       |                      |
|             | 6   | RED        | +5V       |                      |
|             | 7   | BLACK      | GND       |                      |
|             | 8   | GRAY       | PG        |                      |
|             | 9   | PURPLE     | +5Vsb     |                      |
|             | 10  | YELLOW     | +12V      |                      |
|             |     | YELLOW     | +12Vs     |                      |
|             | 11  | ORANGE     | +3.3V     |                      |
|             | 12  | BLUE       | -12V      |                      |
|             | 13  | BLACK      | GND       |                      |
|             | 14  | GREEN      | PS-ON     |                      |
|             | 15  | BLACK      | GND       |                      |
|             | 16  | BLACK      | GND       |                      |
|             | 17  | BLACK      | GND       |                      |
|             | 18  | WHITE      | -5V       |                      |
| 19          | RED | +5V        |           |                      |
| 20          | RED | +5V        |           |                      |
|             | RED | +5Vs       |           |                      |
| P2          | 1   | BLACK      | GND       | 6.0±0.5<br>(150±12)  |
|             | 2   | BLACK      | GND       |                      |
|             | 3   | YELLOW     | +12V      |                      |
|             | 4   | YELLOW     | +12V      |                      |
| PA,PC<br>PE | 1   | YELLOW     | +12V      | 6.0±0.5<br>(150±12)  |
|             | 2   | BLACK      | GND       |                      |
|             | 3   | BLACK      | GND       |                      |
|             | 4   | RED        | +5V       |                      |
| PB,PD       | 1   | YELLOW     | +12V      | 6.0±0.5<br>(150±12)  |
|             | 2   | BLACK      | GND       |                      |
|             | 3   | BLACK      | GND       |                      |
|             | 4   | RED        | +5V       |                      |
| PF          | 1   | RED        | +5V       | 6.0±0.5<br>(150±12)  |
|             | 2   | BLACK      | GND       |                      |
|             | 3   | BLACK      | GND       |                      |
|             | 4   | YELLOW     | +12V      |                      |

NOTE:  
P1:  
HOUSING: MOLEX 39-01-2200 OR EQU  
TERMINAL: MOLEX 39-00-0060  
P2:  
HOUSING: MOLEX 39-01-3042 OR EQU  
TERMINAL: MOLEX 39-00-0060  
PA,PB,PC,PD,PE:  
HOUSING: AMP 1-480424-0 OR EQU  
TERMINAL: AMP 60619-4  
PF:  
HOUSING: AMP 171822-4 OR EQU  
TERMINAL: AMP 170262-2  
CON10: WST P5-I25004 OR EQU  
ALL TERMINALS ARE PHOS. BRONZE, PRE-TIN



CON9

| PIN | COLOR | OUTPUT            | PIN | COLOR  | OUTPUT            |
|-----|-------|-------------------|-----|--------|-------------------|
| 1   | BLACK | 187T TO RESET SW. | 13  | RED    | 187T TO RESET SW. |
| 2   | BLACK | PS1 LED-          | 14  | YELLOW | PS1 LED+          |
| 3   | BLACK | PS2 LED-          | 15  | GREEN  | PS2 LED+          |
| 4   | NC    | NC                | 16  | NC     | NC                |
| 5   | NC    | NC                | 17  | NC     | NC                |
| 6   | BLACK | PF LED-           | 18  | BLUE   | PF LED+           |
| 7   | BLACK | PG LED-           | 19  | ORANGE | PG LED+           |
| 8   | BLACK | TTL CON PIN2      | 20  | WHITE  | TTL CON PIN1      |
| 9   | NC    | NC                | 21  | NC     | NC                |
| 10  | BLACK | PG2 CON PIN2      | 22  | YELLOW | PG2 CON PIN1      |
| 11  | NC    | NC                | 23  | NC     | NC                |
| 12  | BLACK | PG1 CON PIN2      | 24  | GREEN  | PG1 CON PIN1      |

NOTES:  
BUZZER RESET SWITCH, PF LED, PG LED MOUNT ON THE CAGE

- NOTES:  
 1.TTL,PG1,PG2:MOLEX 50579002(70066) OR EQU.  
 2.CON9:MOLEX 22-55-2241(70450) OR EQU.  
 3.RESET SW.:JEC JS-756B OR EQU.  
 4.PS1,PS2,PF,PG:LED SPEC.-Ø5.0 GREEN.  
 5.WIRE SPEC.:UL 1007 24AWG 80°C 300V.

|                                      |          |         |             |                        |       |
|--------------------------------------|----------|---------|-------------|------------------------|-------|
|                                      | APPROVED | CHECKED | DRAWING NO. | UNIT                   | REV.  |
|                                      | TUNGPO   | JASPER  | S-05        | INCHES(MM)             |       |
| TITLE                                | DESIGNED | DRAWING | MODEL NO.   | TOLERANCES:            | SHEET |
| PRB SERIES-SIGNAL O/P CABLE (1+1-J5) | CHEFON   | JOLN    | PRB 1+1-J5  | .X= ±0.2<br>.XX= ±0.15 | 1/1   |