



HALL EFFECT SENSOR  
CHERRY GS100701

BROWN RED  
BLACK YELLOW  
BLUE BLACK

SPLICE

3-PIN  
CONNECTOR

RBD  
YELLOW  
BLACK

2-PIN  
CONNECTOR

+12V  
GND  
RBD  
BLACK

0.3A  
IN4001

10uF

100K

100K

1M

0.1uF

1M555

2.2K

0.1uF

1uF

1M555

4.7K

0.1uF

150K

1uF

2-PIN  
CONNECTOR

BLACK BLACK  
RED YELLOW

SPLICE

12V LBD ASSEMBLY  
RADIO SHACK P/N 276-271