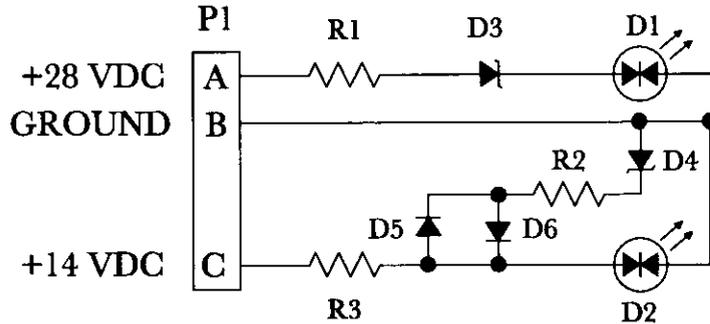


ACCESSORY (3 PIN IR) PLUG

FOR SLIP-IN RADIO EQUIPMENT, IR EQUIPMENT, SPHERE DISPENSERS, AND MISCELLANEOUS EQUIPMENT.



P1: MS3116F12-3P (M/W MS3112E12-3S)

D1 & D2: Bi-Color Diode, i.e. Red/Green (Dialight 521-9462)

D3 & D4: ECG 5076A

D5 & D6: 1N4004

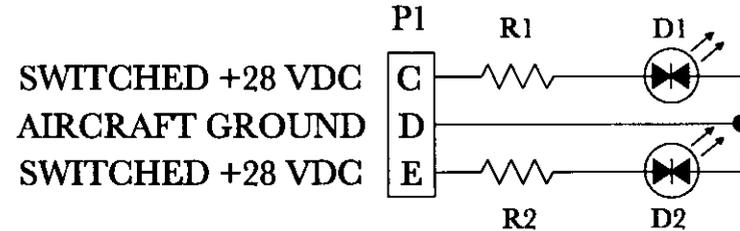
R1 & R2: 270 OHM, 1/4 WATT

R3: 560 OHM, 1/4 WATT

Assembly: Solder diodes so that Green is correct pin polarity and Red is reverse polarity. Seal plug components with clear RTV to prevent shock and damage. Mark diodes, after RTV dries, for easy identification as to which diode indicates 14 or 28 VDC.

9 PIN PLUG

FOR 2 WIRE SIMPLEX HELITORCH, BAMBI BUCKET, REMOTE HOOK, SEEDERS, AND 3 WIRE BRACKETT CAROUSEL AND CHADWICK BUCKETS



P1: MS3107B24-11P (M/W MS3101E24-11S)

D1 & D2: Bi-Color Diode, i.e. Red/Green (Dialight 521-9462)

R1 & R2: 1200 OHM, 1/2 WATT

Assembly: Solder diodes so that Green is correct pin polarity and Red is reverse polarity. Remove threaded locking ring from P1 (for quick and easy testing). Pin C (+28 VDC Reset/bucket close) may seldom be used on standard plug installations but it is a good idea to include pin C during assembly. Seal plug components with clear RTV to prevent shock and damage. Mark diodes, after RTV dries, for easy identification as to which diode indicates bucket open (pin E) or bucket closed (pin C).

PARTS SOURCES:

ELECTRONIC CONNECTORS CORP. (800) 742-3262

SPACECRAFT ELECTRONICS CORP. (310) 973-6400

NEWARK ELECTRONICS (800) 463-9275

RevNo	Revision note	Date	Initials	Checked	National Interagency Fire Center (NIFC)				Avionics (208) 387-5643		
A	Simplified	06/16/1995	KS	BC	Designed by VIRGIL	Checked by UNKNOWN	Approved by - date UNKNOWN	Filename 120002B	Date 09/20/1999	Scale NONE	
B	Updated & Added Information	09/20/1999	FAS	BC							
					U.S.D.A			AIRCRAFT TEST PLUGS			
					FOREST SERVICE			FS/OAS A-18		Revision B	Sheet 1/1