



- S1 Cable Assembly
Digi-Key M3DDA-5006J-ND
- S1B Socket connector
Digi-Key MKC50E-ND
- S1C Strain relief
Digi-Key MESR50-ND
- S3 Cable Assembly
- S4 Cable Assembly
- S5 Cable Assembly
Digi-Key M3CCA-1606J-ND
- S3B Socket connector
- S4B Socket connector
- S5B Socket connector
Digi-Key MKC16E-ND
- S2 SMA Cable
Digi-Key J3706-ND

- H1 Handle, 1.25"
- H4 Handle, 1.25"
- Newark 98H1241
- H9 Ferrule
- H12 Ferrule
- Mouser 534-9121
- M1 #6-32 1/4" flat
- M2 #6-32 1/4" flat
- M3 #6-32 1/4" flat
- M4 #6-32 1/4" flat
- M5 #6-32 1/4" flat
- M6 #6-32 1/4" flat
- McMaster-Carr 91099A205
- M7 #6-32 3/8" flat
- M8 #6-32 3/8" flat
- M9 #6-32 3/8" flat
- M10 #6-32 3/8" flat
- McMaster-Carr 91099A215
- PN1 Half-Width 2U Enclosure LIGO D0901991-v1
- PN2 Front Panel LIGO D0901898-v1
- H2 Rubber feet
- H5 Rubber feet
- H7 Rubber feet
- H10 Rubber feet
- Digi-Key 720K-ND
- H14 #4 washer
- H16 #4 washer
- H18 #4 washer
- H20 #4 washer
- McMaster-Carr 90945A710
- H23 #4 screw, 1/4"
- H25 #4 screw, 1/4"
- H27 #4 screw, 1/4"
- H29 #4 screw, 1/4"
- McMaster-Carr 90272A106
- PN3 Rear Panel LIGO D0901899-v1
- E1 #4-40 3/16" flat
- E5 #4-40 3/16" flat
- E9 #4-40 3/16" flat
- E13 #4-40 3/16" flat
- E17 #4-40 3/16" flat
- E20 #4-40 3/16" flat
- E24 #4-40 3/16" flat
- E28 #4-40 3/16" flat
- E32 #4-40 3/16" flat
- E36 #4-40 3/16" flat
- E40 #4-40 3/16" flat
- E43 #4-40 3/16" flat
- E46 #4-40 3/16" flat
- E49 #4-40 3/16" flat
- E52 #4-40 3/16" flat
- E54 #4-40 3/16" flat
- E56 #4-40 3/16" flat
- E58 #4-40 3/16" flat
- E59 #4-40 3/16" flat
- E61 #4-40 3/16" flat
- E62 #4-40 3/16" flat
- E63 #4-40 3/16" flat
- E64 #4-40 3/16" flat
- E65 #4-40 3/16" flat
- McMaster-Carr 91771A111
- PN4 Heatsink Digi-Key 345-1056-ND
- PN5 PA98 Digi-Key 598-1450-ND
- PN6 PA98 thermal pad Digi-Key 598-1379-ND
- PN7 Terminal turret Mouser 534-1587-1
- E2 BNC lock washer
- E6 BNC nut
- E10 BNC lock washer
- E14 BNC nut
- E18 BNC lock washer
- E21 BNC nut
- E25 BNC lock washer
- E29 BNC nut
- E33 BNC lock washer
- E37 BNC nut
- E41 BNC lock washer
- E44 BNC nut
- E47 BNC lock washer
- E50 BNC nut
- E53 BNC lock washer
- E55 BNC nut
- E57 BNC lock washer
- Digi-Key A97567-ND
- E60 BNC nut
- Digi-Key A97566-ND
- E3 #6-32 1/4" flat
- E7 #6-32 1/4" flat
- E11 #6-32 1/4" flat
- E15 #6-32 1/4" flat
- E22 Shoulder washer
- E26 Shoulder washer
- E30 Shoulder washer
- E34 Shoulder washer
- E38 Shoulder washer
- E42 Shoulder washer
- Digi-Key S1564
- E4 #1.25" standoff, #6
- E8 1.25" standoff, #6
- E12 1.25" standoff, #6
- E16 1.25" standoff, #6
- E19 1.25" standoff, #6
- E23 1.25" standoff, #6
- E27 1.25" standoff, #6
- E31 1.25" standoff, #6
- E35 1.25" standoff, #6
- E39 1.25" standoff, #6
- Digi-Key 1818K-ND
- E45 0.5" standoff, #6
- E48 0.5" standoff, #6
- E51 0.5" standoff, #6
- Digi-Key 2210K-ND
- H3 #6-32 pan, locker, 1/4"
- H6 #6-32 pan, locker, 1/4"
- H8 #6-32 pan, locker, 1/4"
- H11 #6-32 pan, locker, 1/4"
- H13 #6-32 pan, locker, 1/4"
- H15 #6-32 pan, locker, 1/4"
- H17 #6-32 pan, locker, 1/4"
- H19 #6-32 pan, locker, 1/4"
- H21 #6-32 pan, locker, 1/4"
- H22 #6-32 pan, locker, 1/4"
- H24 #6-32 pan, locker, 1/4"
- H26 #6-32 pan, locker, 1/4"
- H28 #6-32 pan, locker, 1/4"
- H30 #6-32 pan, locker, 1/4"
- H31 #6-32 pan, locker, 1/4"
- H32 #6-32 pan, locker, 1/4"
- H33 #6-32 pan, locker, 1/4"
- H34 #6-32 pan, locker, 1/4"
- H35 #6-32 pan, locker, 1/4"
- H36 #6-32 pan, locker, 1/4"
- H37 #6-32 pan, locker, 1/4"
- H38 #6-32 pan, locker, 1/4"
- H39 #6-32 pan, locker, 1/4"
- H40 #6-32 pan, locker, 1/4"
- H41 #6-32 pan, locker, 1/4"
- H42 #6-32 pan, locker, 1/4"

High voltage! Enclosure must be connected to ground.
 Solder grounding cable to turret terminal on rear panel.
 Use IDC socket connectors to shorten flat-ribbon cables.
 PA98 thermal pad is for one time use.
 Use two shoulder washers each to isolate SMA connectors on front panel.
 Enclosure can be rack mounted with provided hardware.
 Use rubber feets for table top application.

Title Frequency Stabilization Servo		
Size B	Number D0901897	Revision A
Date:	9/5/2009	Sheet 1 of 1
File:	C:\Users\...\FrequencyStabServo1.SchDoc	Drawn By: Daniel Sigg