

REVISIONS

SEE SHEET

TABLE I

DASH NO	CONNECTOR SHELL SIZE REF	A DIM	B MIN CABLE CLEARANCE	C MAX DIM	D +.000/- .020 DIA	E MAX CLOSED DIM	F +.020/- .000 DIA	G +.016 DIM	H +.000/- .020 DIA	K MAX DIM	L MIN DIM	M +.031 DIM	N ±.016 DIM
3C	8S, 10S	.188 (4.8)	.239 (6.1)	.812 (20.6)	.389 (9.9)	.217 (5.5)	.231 (5.9)	.125 (3.2)	.441 (11.2)	1.375 (34.9)	.156 (4.0)	.473 (12.0)	.254 (6.5)
4C	10SL, 12LS	.188 (4.8)	.317 (8.1)	.937 (23.8)	.510 (13.0)	.296 (7.5)	.315 (8.0)	.125 (3.2)	.560 (14.2)	1.375 (34.9)	.156 (4.0)	.473 (12.0)	.254 (6.5)
6C	14, 14S	.188 (4.8)	.443 (11.3)	1.062 (27.0)	.627 (15.9)	.390 (9.9)	.440 (11.2)	.125 (3.2)	.676 (17.2)	1.375 (34.9)	.156 (4.0)	.473 (12.0)	.254 (6.5)
8C	16, 16S	.188 (4.8)	.551 (14.0)	1.188 (30.2)	.744 (18.9)	.434 (11.0)	.515 (13.1)	.125 (3.2)	.800 (20.3)	1.375 (34.9)	.156 (4.0)	.473 (12.0)	.254 (6.5)
10C	18	.188 (4.8)	.630 (16.0)	1.312 (33.3)	.870 (22.1)	.434 (11.0)	.614 (15.6)	.125 (3.2)	.926 (23.5)	1.437 (36.5)	.156 (4.0)	.537 (13.6)	.281 (7.1)
12C	20, 22	.250 (6.4)	.771 (19.6)	1.562 (39.7)	1.037 (26.3)	.596 (15.1)	.738 (18.7)	.156 (4.0)	1.107 (28.1)	1.437 (36.5)	.156 (4.0)	.625 (15.9)	.320 (8.1)
16C	24, 28	.250 (6.4)	.959 (24.4)	1.750 (44.5)	1.286 (32.7)	.596 (15.1)	.926 (23.5)	.156 (4.0)	1.357 (34.5)	1.562 (39.7)	.156 (4.0)	.662 (16.8)	.344 (8.7)
20C	32	.312 (7.9)	1.271 (32.3)	2.250 (57.2)	1.590 (40.4)	.858 (21.8)	1.200 (30.5)	.156 (4.0)	1.670 (42.4)	1.812 (46.0)	.156 (4.0)	.662 (16.8)	.406 (10.3)
24C	36	.312 (7.9)	1.396 (35.5)	2.375 (60.3)	1.844 (46.8)	.858 (21.8)	1.363 (34.6)	.188 (4.8)	1.920 (48.8)	2.062 (52.4)	.156 (4.0)	.940 (23.9)	.406 (10.3)
28C	40	.312 (7.9)	1.646 (41.8)	2.625 (66.7)	2.083 (52.9)	1.107 (28.1)	1.611 (40.9)	.188 (4.8)	2.162 (54.9)	2.062 (52.4)	.156 (4.0)	.940 (23.9)	.406 (10.3)
32C	44	.375 (9.5)	1.896 (48.2)	2.812 (71.4)	2.332 (59.2)	1.421 (36.1)	1.865 (47.4)	.188 (4.8)	2.412 (61.3)	2.188 (55.6)	.188 (4.8)	1.047 (26.6)	.500 (12.7)

TABLE I, CONTINUED

DASH NO	P MIN DEG	R MIN DIM	T +.016 DIM	U THREAD CLASS 2A	FILLISTER HEAD SCREW		V THREAD CLASS 2B	W MIN DIM	X DIM	Z DIA APPROXIMATE (GLAND)		BUSHING REF GS3420 DASH NO	MAX CABLE ENTRY
					AN500D DASH NO	MS35275 DASH NO				FREE	CLOSED		
3C	20°	.531 (13.5)	.641 (16.3)	.138-32 UNC	6-8	230	6-32	136	.500-28 UNF	.469 (11.9)	.219 (5.6)	.031 (0.8)	3*
4C	20°	.531 (13.5)	.641 (16.3)	.138-32 UNC	6-10	231	6-32	136	.625-24 UNEF	.594 (15.1)	.312 (7.9)	.094 (2.4)	4*
6C	30°	.531 (13.5)	.641 (16.3)	.138-32 UNC	6-10	231	6-32	136	.750-20 UNEF	.594 (15.1)	.438 (11.1)	.250 (6.4)	6*
8C	30°	.531 (13.5)	.641 (16.3)	.138-32 UNC	6-12	232	6-32	136	.875-20 UNEF	.719 (18.3)	.531 (13.5)	.312 (7.9)	8*
10C	30°	.531 (13.5)	.672 (17.1)	.138-32 UNC	6-12	232	6-32	136	1.000-20 UNEF	.719 (18.3)	.625 (15.9)	.375 (9.5)	10*
12C	30°	.531 (13.5)	.719 (18.3)	.164-32 UNC	8-14	248	8-32	137	1.188-18 UNEF	.844 (21.4)	.750 (19.1)	.500 (12.7)	12*
16C	30°	.531 (13.5)	.719 (18.3)	.164-32 UNC	8-18	N/A	8-32	137	1.438-18 UNEF	1.062 (27.0)	.938 (23.8)	.594 (15.1)	16*
20C	35°	.562 (14.3)	.797 (20.2)	.250-20 UNC	416-20	284	1/4-20	139	1.750-18 UNS	1.187 (30.1)	1.250 (31.8)	.938 (23.8)	20*
24C	35°	.781 (19.8)	1.016 (25.8)	.250-20 UNC	416-22	N/A	1/4-20	139	2.000-18 UNS	1.312 (33.3)	1.375 (34.9)	.969 (24.6)	24*
28C	35°	.781 (19.8)	1.016 (25.8)	.250-20 UNC	416-22	N/A	1/4-20	139	2.250-16 UN	1.312 (33.3)	1.625 (41.3)	1.138 (28.9)	28*
32C	35°	.781 (19.8)	1.172 (29.8)	.250-20 UNC	416-22	N/A	1/4-20	139	2.500-16 UN	1.312 (33.3)	1.875 (47.6)	1.375 (34.9)	32*

NOTES:

1. ASSEMBLY IDENTIFIED WITH MANUFACTURERS NAME & P/N, SPACE PERMITTING.

2. GLENAIR 600 SERIES BACKSHELL ASSEMBLY TOOLS ARE RECOMMENDED FOR ASSEMBLY AND INSTALLATION.

3. WHEN THE RETAINING RING IS NOT USED, THE DIMENSIONS LISTED IN COLUMN "H" SHALL BE THE MINIMUM OUTER DIAMETER OF THE GLAND FOR THE ASSOCIATED DASH NUMBER.

4. OPTIONAL RETAINING RING SHALL BE BONDED TO GLAND.

5. LUBRICANT, VV-P-236, MAY BE APPLIED TO THREADS AND SURFACES OF SLEEVE IF REQUIRED.

6. FOR SIZES -3 THRU -10, SERRATIONS SHALL BE COVERED WITH RUBBER. LARGER SIZES MAY BE COVERED WITH RUBBER. DEPTH OF RUBBER SHALL NOT EXCEED .013.

7. FOR ADDITIONAL CLOSDOWN OF ø Z, BUSHINGS GS3420-3* THRU GS3420-32* MAY BE USED. ø Z SHALL BE FREE OF OBSTRUCTIONS. BUSHINGS ARE NOT SUPPLIED AND MUST BE ORDERED SEPARATELY.

8. MATERIAL/FINISH:

CLAMP BODY & SADDLES - AL ALLOY/CADMIUM PLATE, OLIVE DRAB OVER ELECTROLESS NICKEL (FINISH NOT FOR USE IN SPACE APPLICATION)

SLEEVE - AL ALLOY/GOLD IRIDIITE

SCREWS & WASHERS - CRES/PASSIVATE

GLAND - SILICONE/NA

RETAINING RING - BRASS SAE 70, HARD TEMPER ONLY/NA

EXAMPLE: GS85049/ 2 3C

PRODUCT SERIES

BASIC NO

DASH NUMBER, TABLE I

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DO NOT OVERSTRESS OR EXCEED DIMENSIONS IN THIS TABLE. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. METRIC DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.

DOWN T. RASER

CHECK JA. MIKLOS

ENGR JA. MIKLOS

05/21/08

05/21/08

05/21/08

CSB 2881

GLENAIR, INC.

1421 AIR WAY - GLENDALE - CALIFORNIA 91201

A. MIKLOS

DESIGNED

APPROVED

TOLERANCES:

FRACTIONS ± 1/16 (0.0625)

DECIMALS .XXX ± .03 (0.8)

ANGLES ± 2°

DO NOT SCALE THIS DRAWING

DATE: 05/21/08

BY: 06324

REV

D

GS85049/2

A

SCALE N/A

WEIGHT N/A

SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Glenair:

[GS85049/2-10CMT](#) [GS85049/2-12CMT](#) [GS85049/2-16CMT](#) [GS85049/2-20CMT](#) [GS85049/2-24CMT](#) [GS85049/2-28CMT](#) [GS85049/2-4CMT](#) [GS85049/2-6CMT](#) [GS85049/2-8CMT](#) [GS85049/39S25M](#) [GS85049/41-10AMT](#) [GS85049/41-12AMT](#) [GS85049/41-16AMT](#) [GS85049/41-20AMT](#) [GS85049/41-24AMT](#) [GS85049/41-28AMT](#) [GS85049/41-4AMT](#) [GS85049/41-6AMT](#) [GS85049/41-8AMT](#) [GS85049/43S32NF](#) [GS85049/49-2-18M](#) [GS85049/49-2S12M](#) [GS85049/49-2S8M](#) [GS85049/52-1-14NF](#) [GS85049/69-15Z1](#)