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REV: V - 16 JUL 2001

REV: U - 06 APR 2001

REV: T - 26 OCT 1999

REV: Q - 07 JAN 1999

REV: Y - 19AUG 2016

REV: W - 21 OCT 2009

MAR 1983

31

APPROVED:

SHEET / DASH NO. INDEX **DASH DASH DASH** SEE SEE **DASH** SEE **SEE DASH SEE** SHT **SHT** SHT **SHT** NO. NO. NO. NO. NO. SHT 2 -21 -1 5 -41 3 -61 4 -2 4 -22 16 -42 8 -62 4 -3 2 -23 13 -43 7 4 -63 -4 2 -24 8 -44 N/A -64 6 2 -5 -25 8 -45 8 -65 6 7 9 9 -26 -46 -66 4 -6 -7 4 -27 5 -47 10 15 -67 5 -28 18 -8 4 -48 10 -68 -9 5 -29 5 -49 16 -69 18 -30 -70 -10 4 6 -50 8 18 -11 4 -31 10 -51 11 -71 19 -12 2 -32 8 -52 -72 15 6 -13 3 -33 4 -53 16 -73 16/17 -74 -14 2 -34 14 -54 8 18 -15 4 -35 14 -55 -75 4 4 -36 4 -56 8 -76 13 -16 -17 13 -37 3 -57 12 -18 9 -38 13 12 -58 -19 -39 8 -59 3 4 -20 8 -40 11 -60 14

	LIST OF CURRENT SHEETS																
SHEET	1	1A	1B	1C	2	3	4	5	6	7	8	9	10	11	12	13	14
REV	Y	Н	-	-	Е	L	D	F	С	D	F	G	F	F	В	Н	F
SHEET	15	16	17	18	19	20	21										
REV	F	Е	D	В	С	A *	A *										

^{*} CANCELLED

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. EDWARDS
CHECKED	J. ROTSCH
STRESSED	
APPROVED	B. EDWARDS

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

CAGE CODE 71867
DESIGN STANDARD

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Table 1: VISUAL LISTING - PANEL CUTOUTS

HOLE CONFIGURATION	APPLICATION	REF SHT
FEMALE KEY	SUB MINIATURE SWITCHES AN & MS SINGLE HOLE MOUNT SWITCHES POTENTIOMETERS - MINIATURE SWITCHES	2
MALE KEY	PANEL LIGHTS CO-AXIAL CONNECTOR AUTO-PILOT FLIGHT CONTROLLER	2
MALE KEY - RADIUS END	AMPHENOL MINIATURE CONNECTORS MS3454 SERIES ELECTRICAL CONNECTOR	3
C'BORE - + -	EDGE LIT PANELS	3
TAB LOCKING HOLE	ROTARY SWITCHES, POTENTIOMETERS, CIRCUIT BREAKERS	4
SLOT - DIAMETRAL RADIUS -(- -)-	SUBMINIATURE SWITCHES	5
SLOT - FULL RADIUS	CLIP NUTS	5
SQUARE/RECT - PUNCHED	CLIP NUTS VIVISUN 20/20 SWITCHES	6

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD	
CHECKED	W. SIMMONS	HOLE REQU
STRESSED		PANEL C
APPROVED	B. EDWARDS	

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 1

SHEET: 1A

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CAGE CODE 71867 DESIGN STANDARD

Table 1: VISUAL LISTING - PANEL CUTOUTS

HOLE CONFIGURATION	APPLICATION	REF SHT
SQUARE/RECT - ROUTED (+ + + + + + + + + + + + + + + + + + +	VIVISUN 20/20 SWITCHES	6
LEAD WIRE HOLES - PCB	GRIMES PANEL LIGHTS PCB BACKING	7
SLOTTED TAB LOCKING HOLE	KLIXON TYPE CIRCUIT BREAKERS	7
SQUARE/RECT - 2 MTG HOLES - INLINE ⊕ ⊕	RELAYS PUSH SWITCHES	8
SQUARE/RECT - 2 MTG HOLES - OFFSET	RELAYS	9
SQUARE/RECT - 3 MTG HOLES PUNCHED	RELAYS	9
SQUARE/RECT - 4 MTG HOLES PUNCHED	RELAYS	10
SQUARE/RECT - 6 MTG HOLES PUNCHED	RELAYS	10
RECTANGULAR/SLOTTED	SUBMINIATURE RECTANGULAR CONNECTOR	11

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	W. SIMMONS
STRESSED	
APPROVED	B. EDWARDS

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS	18
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CAGE CODE 71867 DESIGN STANDARD

Table 1: VISUAL LISTING - PANEL CUTOUTS

HOLE CONFIGURATION	APPLICATION	REF SHT
RECTANGULAR/SLOTTED	D-SUBMINIATURE RECTANGULAR CONNECTORS	11
RECTANGULAR - 4 MTG HOLES	DPX2, DPX3 REAR MOUNT CONNECTORS	12
'D' HOLE - PUNCHED	MINIATURE CO-AXIAL FEED THRU MIL-C-26482/MIL-C-83723 BULKHEAD CONNECTORS CUTLER HAMMER INDICATOR LIGHTS	13
'D' HOLE - ROUTED	MINIATURE CO-AXIAL FEED THRU MIL-C-26482/MIL-C-3899 CONN MIL-C-83723/74 JAM NUT RECEPTACLE S5545 WIRE CABLE PRESS SEAL	14/15
BULKHEAD MOUNT	MIL-C-26482 WALL MOUNT RECEPTACLE MIL-C-83723 WALL MOUNT RECEPTACLE MIL-C-38999 WALL MOUNT RECEPTACLE PANEL JACKS	16/17
SQUARE/RECT - 2 MTG HOLES ROUTED	RELAYS PUSH SWITCHES	18
SPECIAL + + +		19

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	W. SIMMONS
STRESSED	
APPROVED	B. EDWARDS

HOLE REQUIREMENTS, PANEL CUT-OUTS

18

SHEET: 1C

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REV:

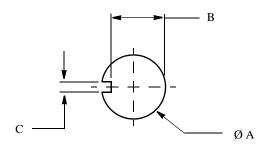
REV: E - 13 FEB 98

REV: C - MAY 62

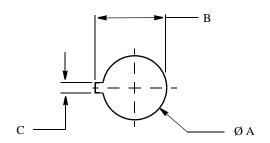
REV: B - FEB 62

REV: A - JUL 61

APPROVED: 6 APR 1961



	НОІ	LE DIMENSI	ONS			
DS No.	Ø A + .010 000	B ± .005	C + .000 010	REQUIRED FOR		
DS18-1	.265	.234	.046	SUB MINIATURE SWITCHES		
DS18-3	.484	.453	.062	AN & MS SINGLE HOLE MOUNT SWITCHES		
DS18 -5	.375	.344	.062	POTENTIOMETERS - MINIATURE SWITCHES		



	НОІ	LE DIMENSI	ONS		
DS No.	Ø A + .000 010	B ± .005	C + .010 000	REQUIRED FOR	
DS18-4	.484	.515	.062	PANEL LIGHTS	
DS18-12	.339	.370	.070	CO-AXIAL CONNECTOR	
DS18 -14	.650	.681	.065	AUTO-PILOT FLIGHT CONTROLLER	

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

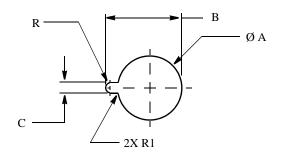
HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

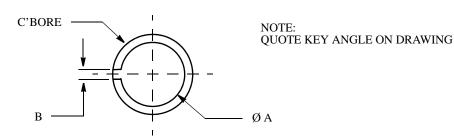
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			HOLE DIN	MENSIONS		
DS No.	SHELL SIZE	Ø A + .010 000	B + .010 000	C + .010 000	R1 ± .010	REQUIRED FOR
DS18-41	N/A	.390	.562	.125	N/A	AMPHENOL MINIATURE CON- NECTORS - 126 SERIES, -214, -233,-214-1001, 215-1002 ONLY
DS18-59-1	22	1.505	1.676			
DS18-59-2	24	1.380	1.550	.100	.120	MS3454 SERIES ELECTRICAL CONNECTOR
DS18-59-3	20	1.255	1.426			



		HOLE DIM	IENSIONS			
DOM	Ø A	C'BORE		В	DECLURED FOR	
DS No.	+ .010 000	DIA + .010000	DEPTH ± .005	+ .010 000	REQUIRED FOR	
DS18-13	.320	.438	.040	.065	CONNECTOR, INSULATED, COASTAL	
DS18-37	.453	.562	.040	.065	DYNAMICS CORP #33 ETC., (EDGE LIT PANELS)	

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

REV: L - 13 FEB 98

REV: K - 23 OCT 79

REV: J - 23 MAR 78

APPROVED: 23 JUL 1963

SHEET: 3

REV:

REV: D - 23 APR 98

REV: C - 13 FEB 98

REV: B - 23 OCT 79

REV: A - JUN 67

APPROVED: 29 JUN 1966

	HOL	E DIMENS	IONS	
DS No.	Ø A +.006 001	Ø B +.005 001	C ± .010	REQUIRED FOR
DS18-2	.484	.128	.388	
DS18-7	.257	.093	.388	AN & MS ONE HOLE MOUNT SWITCHES WITH LOCKING TAB
DS18-8	.257	.093	.238	WITH BOOKING THE
DS18-10	.375	.128	.440	MINIATURE ROTARY SWITCHES
DS18-11	.375	.128	.530	MINIATURE ROTARY SWITCHES
DS18-15	.484	.128	.388	CIRCUIT BREAKER MOUNT
DS18-16	.422	.156	.560	POTENTIOMETER MOUNT
DS18-19	.453	.128	.388	MS26574 CIRCUIT BREAKER MOUNTING
DS18-33	.625	.128	.450	LANDING GEAR LIMIT SWITCHES
DS18-36	.484	.128	.366	TEST SWITCH - DOPPLER
DS18-61	.313	.128	.375	RV5 SERIES VARIABLE RESISTOR
DS18-62	.406	.128	.432	A90 SERIES ROTARY SWITCH
DS18-63	.416	.161	.375	POTENTIOMETER P/N 055-550R103A
DS18-66	.386	.128	.440	
DS18-75	.281	.073	.260	

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

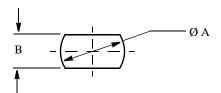
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(D) DS18-75 ADDED

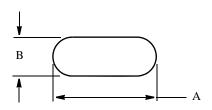
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	HOLE DIM	IENSIONS		
DS No.	S No. Ø A B +.010000000		REQUIRED FOR	
DS18-9	.260	.210	SUBMINIATURE SWITCHES	
DS18-21	.375	.250	P/N C5-HM-1130-27	



	HOLE DIM	ENSIONS			
DS No.	A + .010 000	B + .010 000	REQUIRED FOR		
DS18-27	.500	.223			
DS18-28	.920	.348	CLIP NUTS		
DS18-29	.600	.348			

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

REV:

REV: F - 13 FEB 98

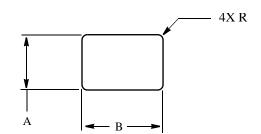
APPROVED: 5 FEB 1973

SHEET: 5

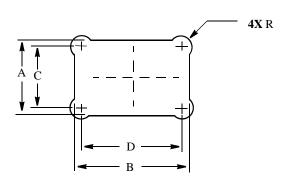
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	НО	LE DIMENSION	S		
DS No.	A + .010 000	B + .010 000	R	REQUIRED FOR	
DS18-30	.500	.500	.030060	CLIP NUTS	
DS18-52	.689	.689	.031 MAX	VIVISUN 20/20 SER 99 SWITCH, PUNCHED HOLE	
DS18-64	.696	.696	.031 WAX	VIVISUN 20/20 SER 95 SWITCH, PUNCHED HOLE	



		HOLI	E DIMENSIO			
DS No.	A + .010 000	B + .010 000	C ± .005	D ± .005	R ± .010	REQUIRED FOR
DS18-55	.694	.694	.544	.544	.094	VIVISUN 20/20 SER 99 SWITCH, N/C ROUTED HOLE
DS18-65	.701	.701	.549	.549	.094	VIVISUN 20/20 SER 95 SWITCH, N/C ROUTED HOLE

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

6

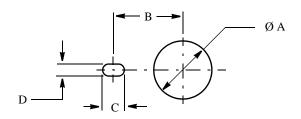
REV: C - 13 FEB 98

REV: B- 18 FEB 74

REV: A - 30 OCT 73

APPROVED: 25 OCT 1973

	HO	LE DIMENSI	ONS	
DS No.	Ø A +.010 000	Ø B +.004 001	C ± .005	REQUIRED FOR
DS18-6	.187	.070	.403	GRIMES B8900-1-327 PANEL LIGHTS INSTALLED IN PRINTED CIRCUIT BACKING



]	HOLE DIN	MENSIONS	}	
DS No.	Ø A +.010- .000	B ± .010	C + .010 000	D +.010 000	REQUIRED FOR
DS18-43	.484	.375	.170	.109	KLIXON TYPE 3MC & 7MC C/BREAKERS

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

(D) REDRAWN

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

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 \oplus D 2X Ø E C **4X** R

				HOLI	E DIMEN	SIONS			
	DS No.	A + .010 000	B ± .005	C +.010 000	D + .005 000	Ø E +.005 001	R (RAD) ± .010	F ± .005	REQUIRED FOR
	DS18-20*	1.156	1.406	.656	.328	.147	N/A	.125	DSC 35 RELAY MOUNTING
	DS18-24*	.890	1.500	.890	.445	.147	N/A	.305	MIL-S-22885/72 ILLUMINATED PUSH SWITCH OR "LICON" TYPE 04
	DS18-25*	1.062	1.406	.562	.281	.209	N/A	.172	RELAY SOCKET - DEUTSCH SE210-1A (REAR MOUNTED)
	DS18-32*	.800	1.060	.420	.210	.171	N/A	.130	RELAY BASE HRCW-5KJ
	DS18-39*	1.062	1.406	.562	.281	.147	N/A	.172	RELAY SOCKET - APPLETON 45116 (REAR MOUNTED)
	DS18-42	1.425	1.875	.550	.275	.154	.095	.225	GRIMES LIGHT ASSY 65-0121-XXX
	DS18-45*	1.080	1.406	.550	.275	.209	N/A	.163	
	DS18-50-1	.820	1.220		.410	.144 .03		.155	PUNCHED HOLE FOR VIVISUN 20/20 SER 99 SWITCH MOUNT FOR USE WITH CSP 369 BRACKET INST'N 2ND DASH NO. = No. OF SWITCH UNITS NOTE - FOR N/C ROUTED HOLE USE DS18-56
	DS18-50-2	1.570	1.970						
(F)	DS18-50-2A	1.630	1.970						
)	DS18-50-3	2.320	2.720	.820			.031		
	DS18-50-4	3.070	3.470		255				
	DS18-50-5	3.820	4.220		.375				
	DS18-50-6	4.570	4.970						
	DS18-54	1.110	1.406	.550	.275	.203	.050	.148	JC & JCA RELAY
	DS18-56-1	.820	1.220						N/C ROUTED HOLE HOLE FOR VIVI-
	DS18-56-2	1.570	1.970		.430				SUN 20/20 SER 99 SWITCH MOUNT FOR USE WITH CSP 369 BRACKET INST'N
(F)	DS18-56-2A	1.630	1.970						2ND DASH NO. = No. OF SWITCH
	DS18-56-3	2.320	2.720	.860		.144	.094	.155	UNITS
	DS18-56-4	3.070	3.470						NOTE - FOR PUNCHED HOLE USE DS18-50
	DS18-56-5	3.820	4.220		.395				
	DS18-56-6	4.570	4.970						

* NOTE - NOT TO BE USED IN PRIMARY STRUCTURES

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

DS18-50-2A & DS18-56-2A ADDED DIMENSION 'F' ADDED

F

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

REV: F - 25 OCT 99

REV: E - 13 FEB 98

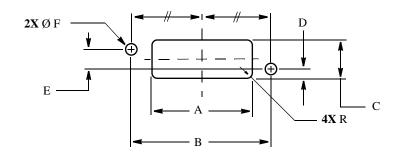
REV: 13 DEC 79

REV: 10 NOV 76

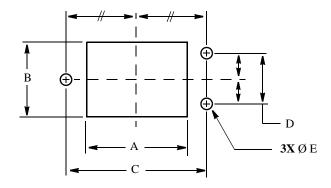
REV: B - 7 OCT 76

REV: A - 2 OCT 75

APPROVED: 23 AUG 1974



			HOLI					
DS No.	A +.010 000	B ± .005	C +.010 000	D + .005 000	E + .005 000	Ø F +.005 001	R ± .010	REQUIRED FOR
DS18-18	.830	1.000	.430	.153	.125	.098	.015	DSC 36 RELAY MOUNTING



		HOLE	DIMENS	SIONS		
DS No.	A +.010 000	B + .010 000	C ±.005	D ± .005	Ø E +.005 001	REQUIRED FOR
DS18-26	1.062	1.062	1.406	.625	.209	DSC 36 RELAY MOUNTING
DS18-46	1.080	1.050	1.406	.625	.209	

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

(G) REDRAWN

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

REV:

REV: E-

REV: D - 15 NOV 76

REV: C - 1 NOV 76

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CAGE CODE 71867
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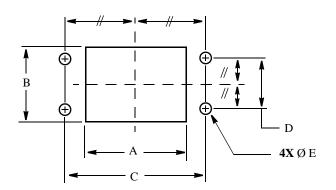
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REV:

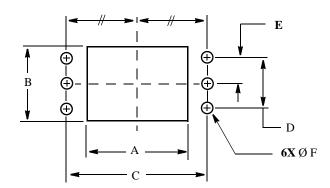
REV: F-13 FEB 98

REV: E - 4 FEB 80

APPROVED: 23 FEB 1977



		HOLE	DIMEN	SIONS		
DS No.	A +.010 000	B + .010 000	C ±.005	D ± .005	Ø E +.005 001	REQUIRED FOR
DS18-31	.810	.800	1.080	.400	.128	RELAY BASE HRCM-5KJ
DS18-48	2.500	1.780	2.783	1.437	.120	CANNON DPX2 FRONT MOUNT CONNECTOR



		H	OLE DIN	MENSION	IS		
DS No.	A +.010 000	B +.010 000	C ± .005	D ± .005	E ± .005	Ø F +.005 001	REQUIRED FOR
DS18-47	3.740	1.780	4.026	1.437	.719	.120	CANNON DPX3 FRONT MOUNT CONNECTOR

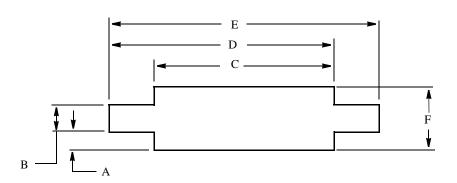
SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

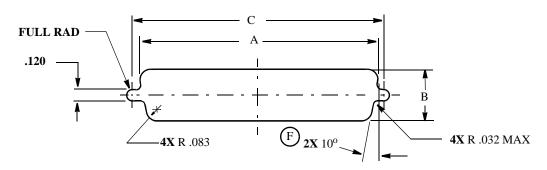
HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:



DS		НО	PANEL THICKNESS				
No.	A	В	С	D	E	F	PANEL INICANESS
DS18-40-3	.105	.220	.640	.795	.950	.430	
DS18-40-4	.157	.280	.475	.630	.785	.595	
DS18-40-6	.208	.345	.475	.630	.785	.760	.060 MAX
DS18-40-9	.208	.345	.640	.795	.950	.760	.000 MAA
DS18-40-12	.225	.475	.640	.795	.950	.925	
DS18-40-15	.308	.475	.640	.795	.950	1.090	



DS	DS CONN HOLE DIMENSIONS (± .010)		S (± .010)	REQUIRED FOR	
No.	SIZE	A	В	С	REQUIRED FOR
DS18-51-1	A	1.202	.513	1.312	
DS18-51-2	В	1.743	.513	1.852	
DS18-51-3	С	2.391	.513	2.500	D-SUBMINIATURE RECTANGULAR CONNECTOR
DS18-51-4	D	2.297	.623	2.406	00111.201011
DS18-51-5	Е	.874	.513	.984	

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET: 11

REV: F - 20 AUG 98

REV: E - 13 FEB 98

8

REV: D - 19 OCT

REV: C - 9 JUN 82

REV: B - 21 OCT 81

de HAVILLAND

CAGE CODE 71867
DESIGN STANDARD

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	HOLE DIMENSIONS							
DS No.	A +.010 000	B +.010 000	C +.010 000	D +.010 000	E ± .005	F ± .005	R ± .010	REQUIRED FOR
DS18-57	4.310	3.740	1.780	.750	4.026	1.437	.125	DPX3 CONNECTOR, REAR MOUNT (REF CANNON CE9438-7004)
DS18-58	3.070	2.500	1.780	.750	2.783	1.437	.156	DPX2 CONNECTOR, REAR MOUNT (REF CANNON CE9438-7002)

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

12

REV: B - 13 FEB 98

REV: A - 7 JUL 81

APPROVED: 25 JUN 1981

REV: G - 5 AUG 98

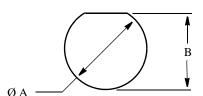
REV: F - 19 JUN 98

REV: E - 16 MAR 98

REV: D - 13 FEB 98

REV: C - 18 JUN 82

APPROVED: 17 AUG 1981



HOLE DIMENSIONS **SHELL** Ø A В DS No. REQUIRED FOR **SIZE** +.000 +.010-.000 -.010 **DS18-17** .380 .348 ---DS18-17A (1) MINIATURE COAXIAL FEED THRU'S .755 .350 DS18-17B (2) .500 .470 ---DS18-23-10-(3) 10 .703 .669 DS18-23-12 (3) 12 .890 .830 DS18-23-14-(3) 14 1.015 .933 1.140 DS18-23-16 3) 16 1.084 MIL-C-26482 AND MIL-C-83723 BULKHEAD **CONNECTORS** DS18-23-18-(3) 1.208 18 1.265 DS18-23-20-(3) 20 1.390 1.333 DS18-23-22(3) 22 1.515 1.459 DS18-23-24-(3) 24 1.640 1.584 DS18-23-26 .468 .448 DS18-23-27 .625 ,605 INDICATOR LIGHTS (CUTLER-HAMMER) ---**DS18-38** .192.160 DS18-76 .380 .370 ELDEMA DH SERIES LAMPS

- (1) INACTIVE FOR NEW DESIGN USE DS18-35-1
- (2) INACTIVE FOR NEW DESIGN USE DS18-35-2
- (3) INACTIVE FOR NEW DESIGN USE DS18-67-(SHELL SIZE)

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN B. McDONALD
CHECKED J. ROTSCH
STRESSED --APPROVED S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

13

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(H)

de HAVILLAND

CAGE CODE 71867
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REV: F - 13 SEP 99

REV: E, 07 JAN 99

REV: D - 13 FEB 98

REV: C - 19 OCT 91

REV: B - 9 JUN 82

REV: A - 24 NOV 81

APPROVED: 29 OCT 81

2X R

D

O40 REF

Ø A

				HOLE	DIMENS	SIONS		
	DS No.	SHELL SIZE	Ø A ± .005	B (Ref)	C ± .005	D ± .005	R ± .010	REQUIRED FOR
Ī	DS18-34-8*	8	.572	.536	.310	.250	.125	
	DS18-34-10*	10	.697	.661	.365	.313	.125	
ı	DS18-34-12 *	12	.895	.824	.395	.377		
	DS18-34-14 *	14	1.010	.948	.440	.443		MIL-C-26482 SER I
	DS18-34-16 *	16	1.135	1.072	.495	.505		JAM NUT RECEPTACLE * INACTIVE FOR NEW
	DS18-34-18 *	18	1.260	1.197	.545	.567	.250	DESIGN - USE DS18-67
	DS18-34-20 *	20	1.385	1.322	.590	.630		
	DS18-34-22*	22	1.510	1.447	.635	.692		
	DS18-34-24 *	24	1.635	1.572	.670	.755		
	DS18-35-1		.760	.730	.270	.350	.250	MINIATURE COAXIAL
F	DS18-35-2		.500	.470	.250	.220	.125	MINIAI UKE COAZIAL
	DS18-60-8	8	.635	.605	.355	.288	.125	
	DS18-60-10	10	.760	.730	.380	.350	.123	
	DS18-60-12	12	.947	.917	.360	.444		
	DS18-60-14	14	1.010	.980	.380	.475		NH, G 02722/74
	DS18-60-16	16	1.135	1.105	.425	.538	.250	MIL-C-83723/74 JAM NUT RECEPTACLE
	DS18-60-18	18	1.260	1.229	.465	.599		
	DS18-60-20	20	1.385	1.354	.505	.662		
	DS18-60-22	22	1.510	1.479	.540	.724		
	DS18-60-24	24	1.635	1.604	.570	.787		

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	I. GHEORGHIU
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

de HAVILLAND

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REV: F - 06 APR 01

REV: E - 25 OCT

REV: D, 07 JAN 99

REV: C - 29 MAY 98

REV: B -13 FEB 98

REV: A - 13 OCT 82

APPROVED: 18 JUN 82

2X R

D

O40 REF

Ø A

Ī				HOLE	DIMEN	SIONS		
	DS No.	SHELL SIZE	Ø A ± .005	B (Ref)	C ± .005	D ± .005	R ± .010	REQUIRED FOR
İ	DS18-67-8	8	.572	.536	.310	.250		
	DS18-67-9	9/10	.705.	.665	.395	.313	.125	
Ī	DS18-67-11	11	.830	.765	.475	.350	.123	
Ī	DS18-67-12	12	.895	.824	.515	.377	1	
	DS18-67-13	13/14	1.015	.950	.505	.443	.188	MIL-C-26482 SER I & SER II
ľ	DS18-67-15	15/16	1.140	1.080	.495	.510		MIL-C-38999 SER I & SER III
	DS18-67-17	17/18	1.265	1.202	.550	.570	1	JAM NUT RECEPTACLE
ľ	DS18-67-19	19/20	1.390	1.330	.585	.635	.250	
ľ	DS18-67-21	21/22	1.515	1.455	.625	.698	.250	
	DS18-67-23	23/24	1.640	1.580	.665	.760		
Ī	DS18-67-25	25	1.765	1.705	.700	.823		
Ī	DS18-72-1		1.884	1.812	.775	.870		WANTE OF DATE DESCRIPTION
Ī	DS18-72-2		1.505	1.450	.610	.698	.250	WIRE CABLE PRESSURE SEALS - REF CANADAIR S5545
Ī	DS18-72-3		1.255	1.200	.525	.573	.230	
ľ	DS18-72-4		2.510	2.444	.915	1.189		
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SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	I. GHEORGHIU
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET: 15

В

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REV:

REV: E - 16 JUL

REV: C - 21 OCT

REV: B - 10 OCT 84

REV: A - 22 MAR 83

APPROVED: 19 OCT 1982

	SHELL	HO DIMEN				
DS No.	SIZE	Ø A +.010 000	B ± .005	Ø C +.005 001	REQUIRED FOR	
DS18-22-10	10	.685	.719			
DS18-22-12	12	.864	.812			
DS18-22-14	14	.989	.906			
DS18-22-16	16	1.113	.969	.125	MIL-C-26482 & MIL-C-83723 WALL MOUNT RECEPTACLE	
DS18-22-18	18	1.238	1.062		WALL MOUNT RECEPTACLE	
DS18-22-20	20	1.364	1.156			
DS18-22-22	22	1.488	1.250			
DS18-22-24	24	1.615	1.375	.156		
DS18-49		.469	.500	.120	BNC PANEL JACK (UG-291 ETC.)	
DS18-53		.766	.906	.128	HN PANEL JACK (UG-61 ETC.)	
DS18-73-08	8	.615	.594			
DS18-73-09	9	.631	.719			
DS18-73-10	10	.740	./19			
DS18-73-11	11	.756	.812		MH, C 20000 CED H & CED HI	
DS18-73-12	12	.865	.012	.125	MIL-C-38999 SER II & SER III WALL MOUNT RECEPTACLE	
DS18-73-13	13	.881	.906			
DS18-73-14	14	.990	.500			
DS18-73-15	15	1.005	.969			
DS18-73-16	16	1.115	.707			

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	I. GHEORGHIU
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

de HAVILLAND

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4X ØC → | .010 В ØA A

	SHELL	HOLE DIMENSIONS			
DS No.	SIZE	Ø A +.010 000	B ± .005	Ø C +.005 001	REQUIRED FOR
DS18-73-17	17	1.193	1.062		
DS18-73-18	18	1.239	1.062	.125	MIL-C-38999 SER II & SER III WALL MOUNT RECEPTACLE
DS18-73-19	19	1.256	1.156		
DS18-73-20	20	1.365			
DS18-73-21	21	1.381	1.250		
DS18-73-22	22	1.489	1.230		
DS18-73-23	23	1.516	1.375		
DS18-73-24	24	1.616	1.3/3	.156	
DS18-73-25	D 25	1.723	1.500		

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD
CHECKED	J. ROTSCH
STRESSED	I. GHEORGHIU
APPROVED	S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

17

REV: B - 13 FEB 1998 REV: A - 15 APR 1987

APPROVED: 12 MAR 1987

REV:

REV:

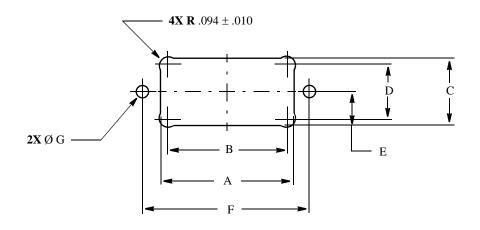
REV: D - 21 OCT 2009

REV: C - 16 JUL 2001

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	HOLE DIMENSIONS							
DS No.	A + .010 000	B ± .005	C + .010 000	D ± .005	E ± .005	F ± .005	Ø G +.005 001	REQUIRED FOR
DS18-68	1.389	1.234	.705	.550	.350	1.730	.125	
DS18-69	1.525	1.370	.595	.440	.295	1.810	.156	
DS18-70	1.165	1.010	.960	.805	.480 B	1.395	.156	
DS18-74	1.515	1.360	.700	.545	.350	1.730	.125	

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. EDWARDS
CHECKED	J. ROTSCH
STRESSED	I. GHEORGHIU
APPROVED	B. EDWARDS

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

18

(B) DS18-70: DIMENSON "E" NOW ".480" WAS ".580"

 $.928 \pm .005$

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REV: C - 13 FEB 98

REV: B - 27 OCT 97

APPROVED: 23 DEC 93

.787

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN B. McDONALD
CHECKED J. ROTSCH
STRESSED --APPROVED S. HAMID

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET: 1

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REV:

REV :- A - 13 FEB 98

APPROVED: 29 MAY 97

DATE OF THE PARTY
SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	A. McRorie
CHECKED	K. Flinders
STRESSED	J. Hornstein
APPROVED	P. Lam

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

de HAVILLAND

CAGE CODE 71867 DATE OF THE PARTY DESIGN STANDARD

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REV:

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REV :- A - 13 FEB 98

APPROVED: 29 MAY 97

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	A. McRorie
CHECKED	K. Flinders
STRESSED	J. Hornstein
APPROVED	P. Lam

HOLE REQUIREMENTS, PANEL CUT-OUTS

DS 18

SHEET:

21

(A) REDRAWN