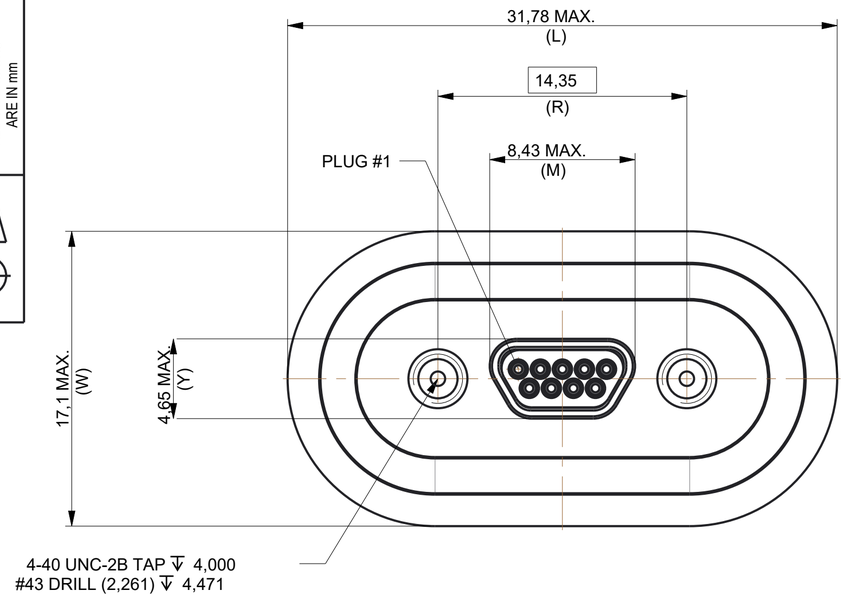
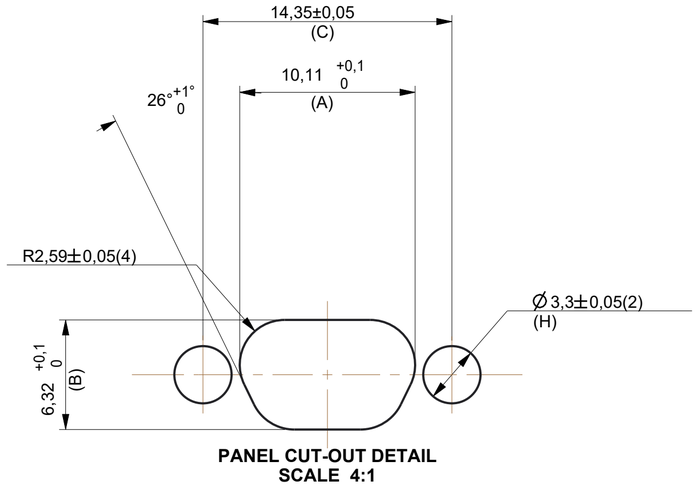
DN00011000006FN_CUST

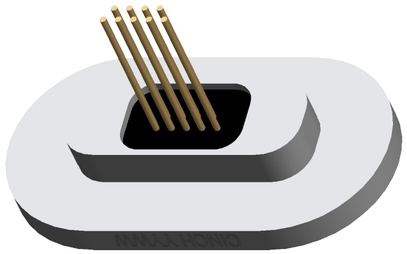
RELEVANT SPEC.	SHT	1	OF 1
MIL-DTL-83513 INTERFACE	EX No.		
PROE MODEL FILE	NA		
DN00011000006FN	IF IN DOUBT - ASK		

ALL DIMENSIONS ARE IN mm

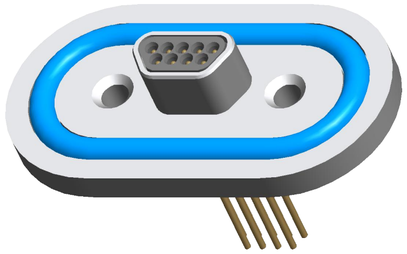




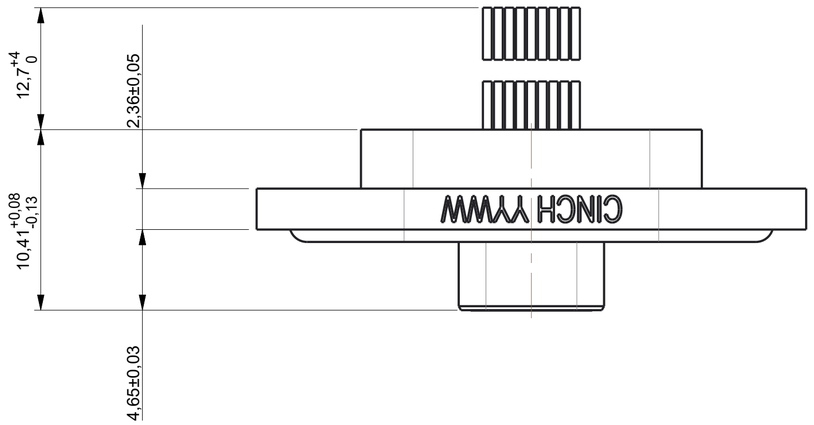
PANEL CUT-OUT DETAIL
SCALE 4:1

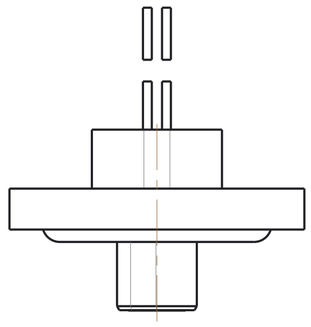


SCALE 3:1



SCALE 3:1





PART NUMBER	A	B	C	H	DESCRIPTION2
DN0000809	10,11	6,32	14,35	3,30	9W REVERSE MOUNT PANEL
DN0000815	13,92	6,32	18,16	3,30	15W REVERSE MOUNT PANEL
DN0000821	17,73	6,32	21,97	3,30	21W REVERSE MOUNT PANEL
DN0000825	20,27	6,32	24,51	3,30	25W REVERSE MOUNT PANEL
DN0000831	24,08	6,32	28,34	3,30	31W REVERSE MOUNT PANEL
DN0000837	27,89	6,32	32,13	3,30	37W REVERSE MOUNT PANEL
DN0000851	26,62	7,42	30,86	3,30	51W REVERSE MOUNT PANEL

PART NUMBER	SALES_CODE	L_MAX	M_MAX	R_BASIC	W_MAX	Y_MAX	DESCRIPTION2
DN00011000096FN	DCDH-9P4C40.5BN	31,78	8,43	14,35	17,10	4,65	9W PCB PLUG ASSEMBLY
DN00011000156FN	DCDH-15P4C40.5BN	34,26	12,24	18,16	17,10	4,65	15W PCB PLUG ASSEMBLY
DN00011000216FN	DCDH-21P4C40.5BN	39,25	16,05	21,97	17,10	4,65	21W PCB PLUG ASSEMBLY
DN00011000256FN	DCDH-25P4C40.5BN	41,76	18,59	24,51	17,10	4,65	25W PCB PLUG ASSEMBLY
DN00011000316FN	DCDH-31P4C40.5BN	44,23	22,40	28,32	17,10	4,65	31W PCB PLUG ASSEMBLY
DN00011000376FN	DCDH-37P4C40.5BN	49,22	26,21	32,13	17,10	4,65	37W PCB PLUG ASSEMBLY
DN00011000516FN	DCDH-51P4C40.5BN	48,60	24,94	30,86	18,20	5,74	51W PCB PLUG ASSEMBLY

NOTES:

1. DIMENSIONS ARE FOR REFERENCE ONLY.
2. CUSTOMER DRAWING ONLY. NOT USED FOR CINCH MANUFACTURE.
3. PART MARK CONNECTORS WITH CINCH AND DATE-CODE.
4. CONNECTOR TO BE HERMETICALLY TESTED TO 1 x 10^{-8} cc/sec @ 1 ATMOSPHERE HELIUM.

MATERIAL SPECIFICATIONS:

5. CONNECTOR SHELL: >ASTM ALLOY< SAE-AMS-QQ-A-250. ELECTROLESS Ni PER SAE-AMS-C-26074.
6. CONTACT (MALE PINS): >Cu ALLOY<. Au PER MIL-DTL-45204, TYPE 1.
7. INSULATOR: >PBT< PER MIL-M-24519.
8. HARDWARE: >303SS< PASSIVATE DIP PER SAE-AMS-QQ-P-35.
   HARDWARE TO BE PURCHASED SEPERATELY TO SUIT PANEL THICKNESS.
9. DUSTCAP: >LDPE< OR ANTI-STATIC >HDPE<
10. WIRE (24AWG): >Cu ALLOY< PER ASTM-B1-56. Au PER MIL-DTL-45204, TYPE 2.
    WIRES WILL NOT BE STRAIGHT AS SHOWN IN DRAWING VIEWS..

GENERAL SPECIFICATIONS:

11. ALL OTHER DETAILS AND DIMENSIONS TO BE AS PER MIL-DTL-83513 OR CINCH HERMETIC DURA-CON CATALOGUE.

ISSUE	DATE	NPNR ECN	APPD
B	04-May-22	D17547	
A	02-Feb-17	PRELIM.	

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TITLE: HERMETIC MICROMINIATURE
9-51W PLUG ASSEMBLY
PCB TAILS

DRN	M.BARRACLOUGH	DATE	02-Feb-17	SCALE	4:1	CHD	NOT
MATERIAL SPECIFICATION						APPD	NOT

GEN. TOLERANCES		RAW MAT'L	FINISHED HARDNESS	FINISH TREATMENT	COLOUR
2 DEC. PL.	±0.1				
1 DEC. PL.	±0.2				
0 DEC. PL.	±0.5				
ANGULAR	±1				
TOOL R MAX.	0.18				

ITEM	DESCRIPTION	CODE	FINISH/MATL	QTY
7	HERMETIC COMPOUND			
6	24AWG SOLID WIRE			
5	O-RING SEAL (9W)			
4	9W PLG INSULATOR			
3	9W PLG DUSTCAP			
2	9W OUTER PLG SHELL PLTD			
1	PLUG PIN CRIMP 24 GAUGE			

ISSUE GROUPS: A

Cinch CONNECTIVITY SOLUTIONS Ltd. Worksop, England.

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