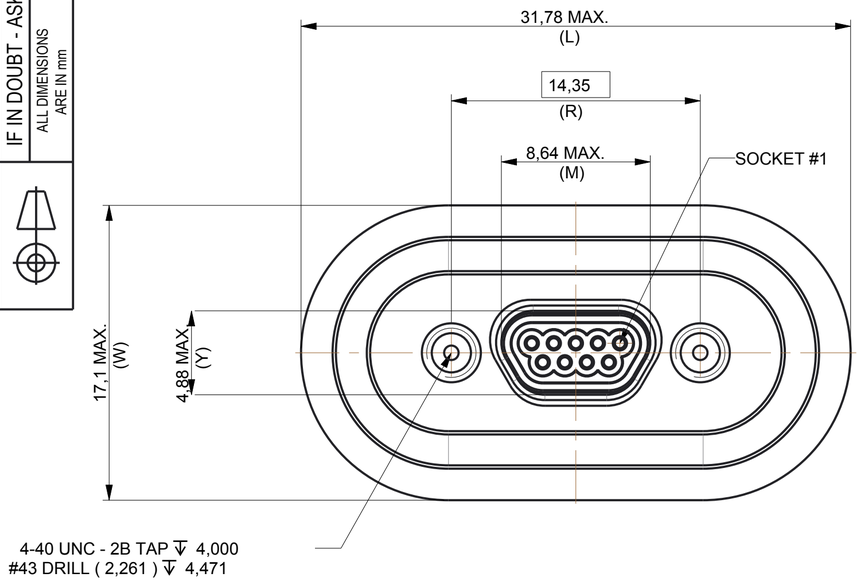
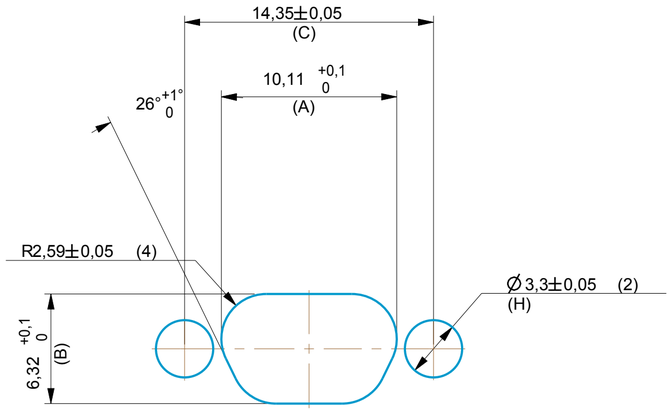
DN0001000000000N_CUST

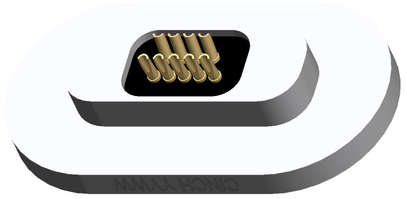
RELEVANT SPEC:	SHT	1	OF 1
MIL-DTL-83513 INTERFACE	EX No.		
PROE MODEL FILE	NA		
DN0001000000000N	IF IN DOUBT - ASK		

ALL DIMENSIONS ARE IN mm

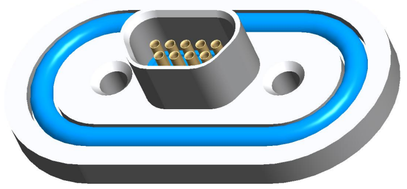




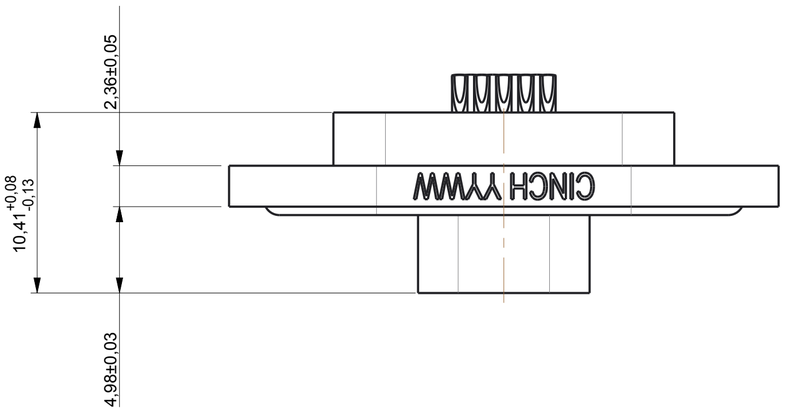
PANEL CUT-OUT DETAIL
SCALE 4:1

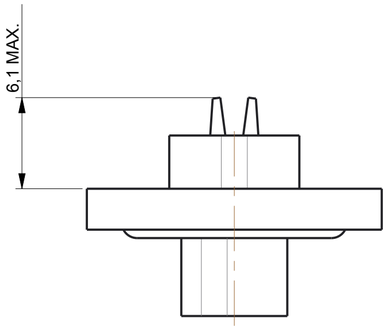


SCALE 3:1



SCALE 3:1





ISSUE GROUPS
A

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
DN0000810	39,00	8,52	45,72	4,10	100W REVERSE MOUNT PANEL

PART NUMBER	SALES_CODE	L_MAX	M_MAX	R_BASIC	W_MAX	Y_MAX	DESCRIPTION2
DN0001000009000N	DCDH-9SSBN	31,78	8,64	14,35	17,10	4,88	9W SOLDERPOT SOCKET ASSEMBLY
DN0001000015000N	DCDH-15SSBN	34,26	12,45	18,16	17,10	4,88	15W SOLDERPOT SOCKET ASSEMBLY
DN0001000021000N	DCDH-21SSBN	39,25	16,26	21,97	17,10	4,88	21W SOLDERPOT SOCKET ASSEMBLY
DN0001000025000N	DCDH-25SSBN	41,76	18,80	24,51	17,10	4,88	25W SOLDERPOT SOCKET ASSEMBLY
DN0001000031000N	DCDH-31SSBN	44,23	22,61	28,32	17,10	4,88	31W SOLDERPOT SOCKET ASSEMBLY
DN0001000037000N	DCDH-37SSBN	49,22	26,42	32,13	17,10	4,88	37W SOLDERPOT SOCKET ASSEMBLY
DN0001000051000N	DCDH-51SSBN	48,60	25,15	30,86	18,20	5,99	51W SOLDERPOT SOCKET 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 (FEMALE SOCKET): >Cu ALLOY<. Au PER MIL-DTL-45204, TYPE 1.
7. INSULATOR: >PBT< PER MIL-M-24519.
8. INTERFACIAL GASKET: >FVMQ< PER MIL-R-25988 OR >PMQ< PER ZZ-R-765.
9. HARDWARE: >303SS< PASSIVATE DIP PER SAE-AMS-QQ-P-35.
   HARDWARE TO BE PURCHASED SEPERATELY TO SUIT PANEL THICKNESS.
10. DUSTCAP: >LDPE< OR ANTI-STATIC >HDPE<.

GENERAL SPECIFICATIONS:

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

ITEM	DESCRIPTION	CODE	QTY	FINISH/MATL
9	HYSOL RESIN (BLACK)			
8	HYSOL HARDENER			
7	HERMETIC COMPOUND			
6	9-51W O-RING SEAL			
5	9-51W SEALING GASKET			
4	9-51W SKT INSULATOR			
3	9-51W SKT DUSTCAP			
2	9-51W OUTER SKT SHELL PLTD			
1	S/POT SKT CONTACT SHORT			

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TITLE: HERMEYIC MICROMINIATURE
9-51W SOCKET ASSEMBLY
SOLDERPOT

DRN	M.BARRACLOUGH	DATE	02-Feb-17	SCALE	4:1
		MATERIAL SPECIFICATION			

RAW MAT'L

GEN. TOLERANCES	
2 DEC. PL.	±0.1
1 DEC. PL.	±0.2
0 DEC. PL.	±0.5
ANGULAR	±1
TOOL R MAX.	0.18

CHD	NOT	FINISH TREATMENT	COLOUR
APPD	NOT	FINISHED HARDNESS	

ISSUE	DATE	APPD
A	02-Feb-17	
	PRELIM.	

Cinch CONNECTIVITY SOLUTIONS Ltd. Worksop, England.