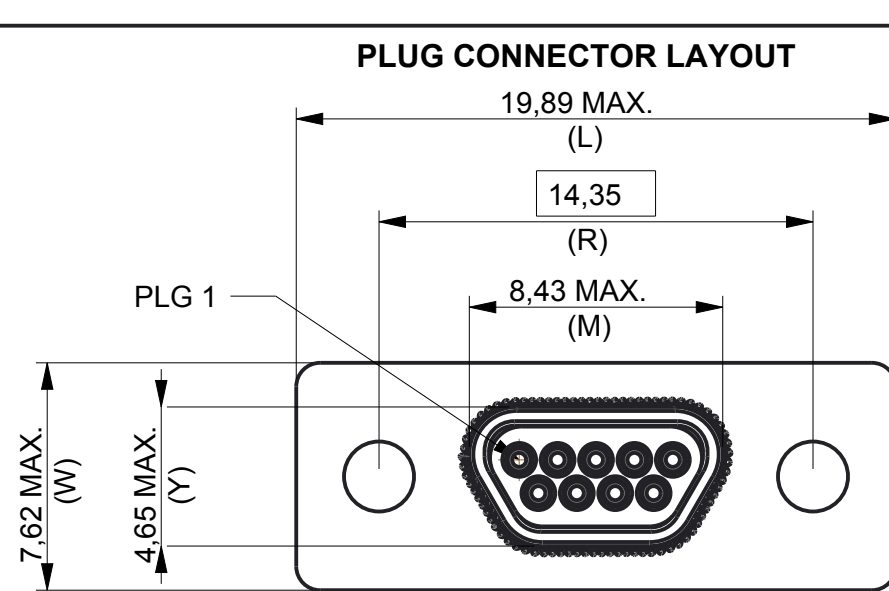
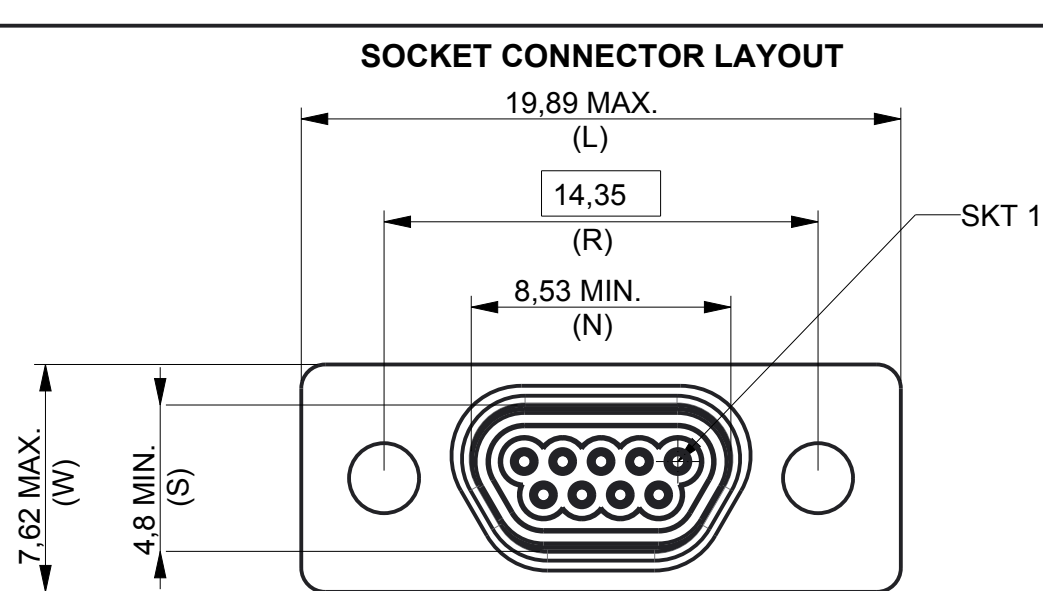
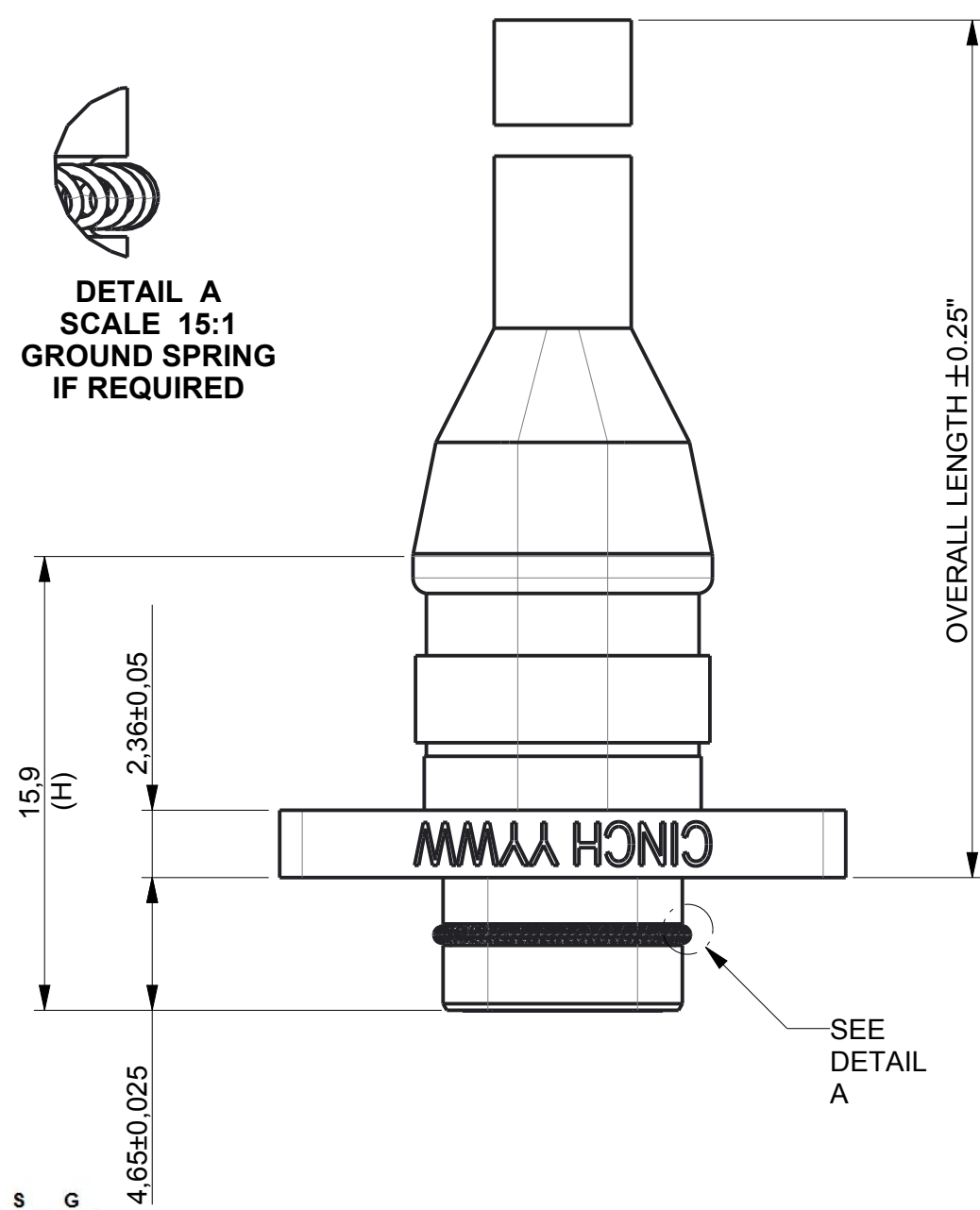
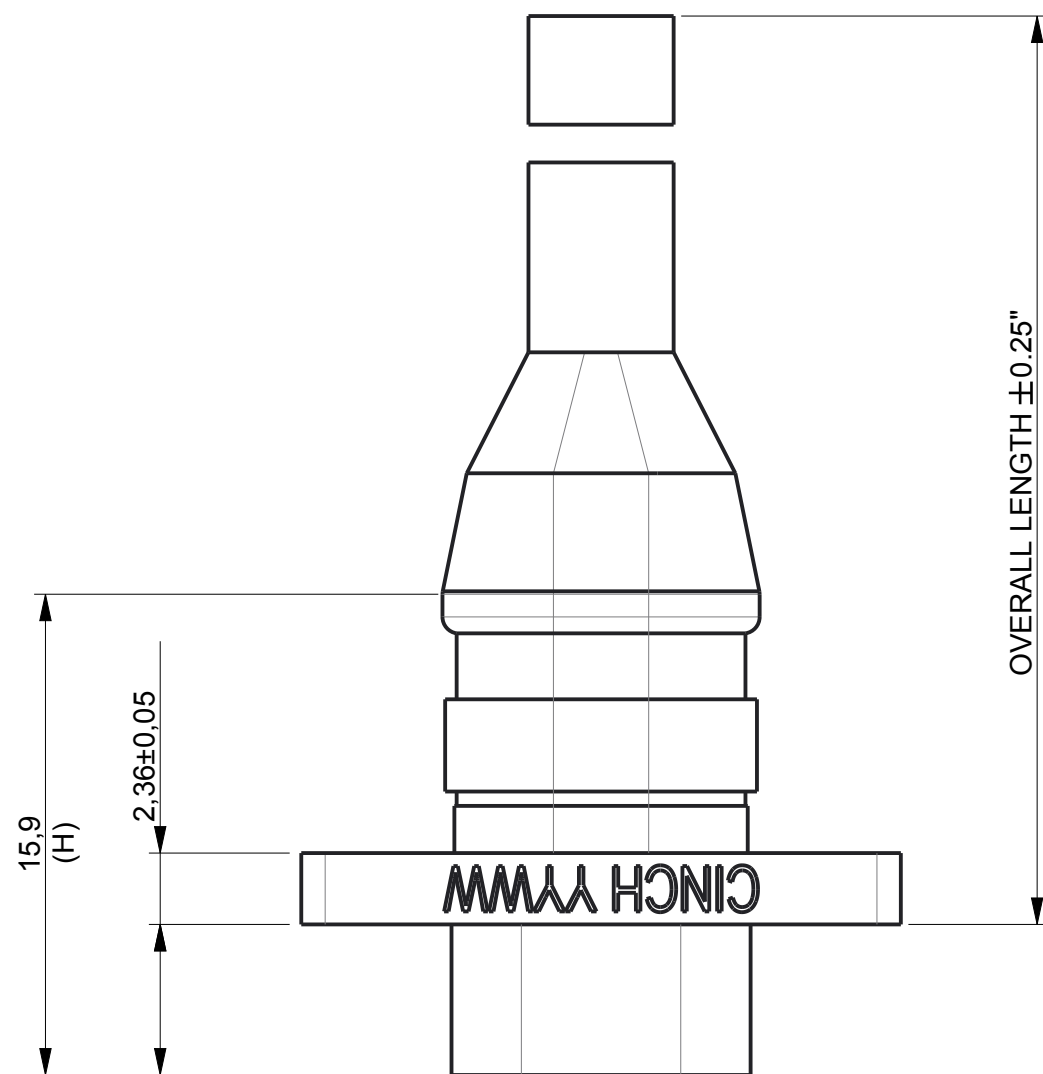


RELEVANT SPEC		SHT		1	OF	1
MIL-DTL-38513 INTERFACE		EX No.		12/02-2491		
PROJ MODEL FILE		12022491-SKTR01				
		IF IN DOUBT - ASK				
		ALL DIMENSIONS ARE IN mm				



PART NUMBER	L	M	N	R	S	W	Y
DCDC-9P	19,89	8,43		14,35		7,62	4,65
DCDC-15P	23,70	12,24		18,16		7,62	4,65
DCDC-21P	27,51	16,05		21,97		7,62	4,65
DCDC-25P	30,05	18,89		24,51		7,62	4,65
DCDC-31P	33,86	22,40		28,32		7,62	4,65
DCDC-37P	37,67	26,21		32,13		7,62	4,65
DCDC-51P	36,40	24,94		30,86		8,71	5,74
DCDC-100P	54,94	35,10		45,72		9,75	6,83
DCDC-9S	19,89		8,53	14,35	4,80	7,62	
DCDC-15S	23,70		12,34	18,16	4,80	7,62	
DCDC-21S	27,51		16,15	21,97	4,80	7,62	
DCDC-25S	30,05		18,69	24,51	4,80	7,62	
DCDC-31S	33,86		22,50	28,32	4,80	7,62	
DCDC-37S	37,67		26,31	32,13	4,80	7,62	
DCDC-51S	36,40		25,04	30,86	5,92	8,71	
DCDC-100S	54,94		35,20	45,72	7,04	9,75	



1. DIMENSIONS ARE FOR REFERENCE ONLY
2. CUSTOMER DRAWING ONLY. NOT USED FOR CINCH MANUFACTURE.
3. PART MARK CONNECTOR WITH CINCH AND DATE-CODE.

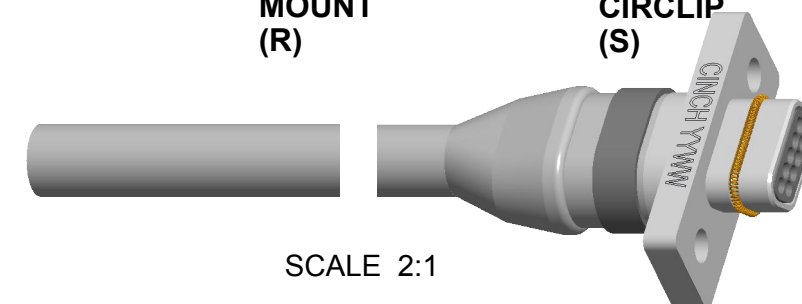
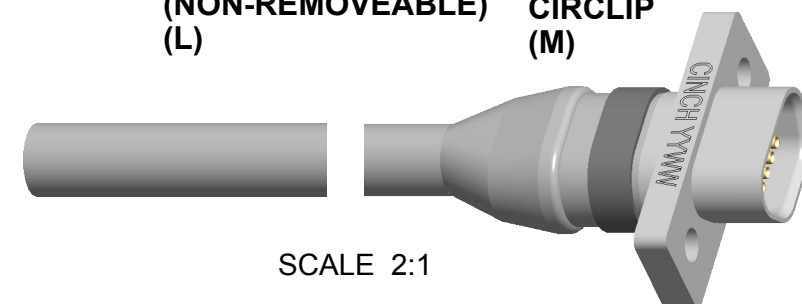
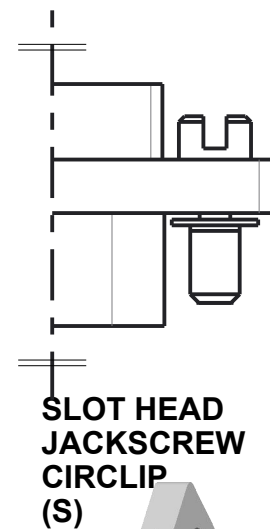
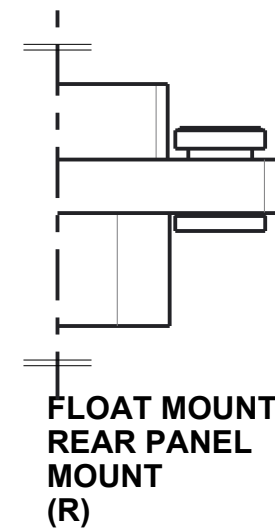
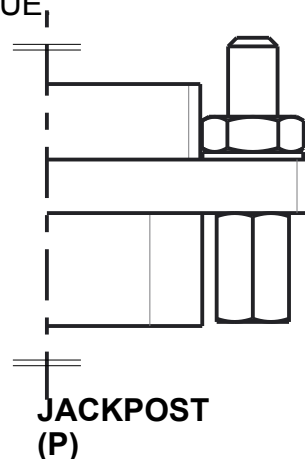
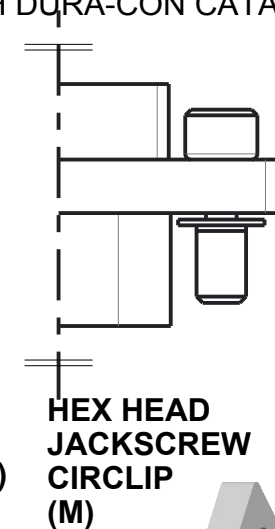
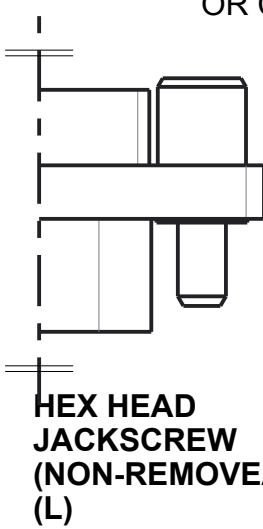
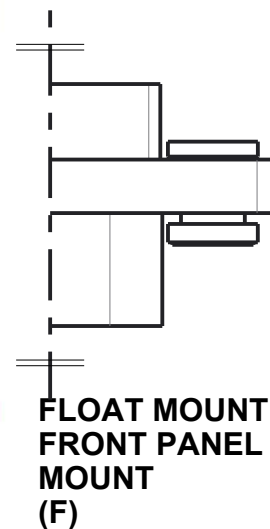
MATERIAL SPECIFICATIONS:

4. CONNECTOR SHELL: >ASTM ALLOY< SAE-AMS-QQ-A-250.
CADIUM PER SAE-AMS-QQ-P-416.
ELECTROLESS Ni PER SAE-AMS-C-26074.
GOLD PER MIL-G-45204.
5. CONTACT (MALE PINS): >Cu ALLOY<. Au PER MIL-DTL-45204, TYPE 1.
6. CONTACT (FEMALE SOCKETS): >Cu ALLOY<. Au PER MIL-DTL-45204, TYPE 1.
7. INSULATOR: >PBT< PER MIL-M-24519 OR >DAP< PER ASTM-D5948.
8. HARDWARE: >303SS< PASSIVATE DIP PER SAE-AMS-QQ-P-35.
9. INTERFACIAL GASKET: >FVMQ< PER MIL-R-25988 OR >PMQ< PER ZZ-R-765.
10. DUSTCAP: >LDPE< OR ANTI-STATIC >HDPE<.
11. WIRE: SEE SALES-CODE NOMENCLATURE.

MICRO-D CONNECTORS SHALL MEET GENERAL ENVIRONMENTAL/ELECTRICAL PERFORMANCE OF MIL-DTL-83513.

CURRENT RATING: 3 AMP MAX.
TEMPERATURE RATING: -55 °C TO +135 °C.
INSULATION RESISTANCE: 5000 MΩ MIN.
DWV AT SEA LEVEL: 600 VAC.
DWV 70,000 FT ALTITUDE: 150 VAC.
CONTACT RESISTANCE: 8 mΩ MAX.

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



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APPD						TITLE					MICROMINIATURE								
						GEN. TOLERANCES		9-51W SHIELDED CABLE ASSEMBLY											
						2 DEC. PL.	± 0.1	INTEGRAL SHIELD TERMINATION											
DATE	25-Feb-16	15-Mar-17	04-Aug-17			1 DEC. PL.	± 0.2	DRN	M BARRACLOUGH	DATE	125-Feb-16	SCALE	4:1	CHD	APPD	NOT			
						0 DEC. PL.	± 0.5	MATERIAL SPECIFICATION											
NPNR	ECN	PRELIM.	100W DIMS	SPOUT HT		RAW MATL													
						ANGULAR	± 1	FINISHED HARDNESS				FINISH TREATMENT		COLOUR					
ISSUE						TOOL R MAX.	0.18												

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