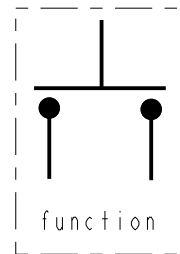


environmental data	4.6	RECOMMENDED GLUE (C)	CYANOACRYLATE (NON-BLOOMING)
	4.5	OPERATIONAL HUMIDITY CONDITIONS	10% RH TO 95% RH
	4.4	OPERATIONAL TEMPERATURE CONDITIONS	-25°C TO +55°C
	4.3	STORAGE TEMPERATURE	-40°C TO +60°
	4.2	CLEANING (C)	AQUA WASH (ALPHA 2100), BENZINE AMMONIA, 10% SOLUTION WITH DEMINERALIZED WATER.
4.1	SOLDERING TEMPERATURE	400°C [750°F] FOR 1 SECOND	
material data	3.3	SWITCH CONTACT	NICKEL GOLD PLATED ALLOY COPPER
	3.2	SOLDER TERMINAL	GOLD PLATED SILVER ALLOY
	3.1	PLASTIC PARTS	GLASS FILLED NYLON
elec. data	2.3	KNOB DEFLECTION FOR SWITCH CONTACT	>0,10mm < 0,33mm / 0,16mm OVERTRAVEL MIN.
	2.2	CONTINUOUS CURRENT	< 500 mA / 9V
	2.1	SWITCH CONTACT RESISTANCE	< 150 mΩ
mechanical data	1.9	KNOB RETENTION FORCE	>10N
	1.8	SWITCH FORCE AT MAX. TRAVEL(OVER TRAVEL)	>115cN to <130cN
	1.7	KNOB TRAVEL	0,50mm
	1.6	MAX. ALLOWED FORCE TO BE APPLIED IN A 45° ANGLE TO SWITCH OPERATIONAL DIRECTION WITHOUT DAMAGES (MAX. 20 TIMES)	500 cN
	1.5	MAX. ALLOWED FORCE TO BE APPLIED IN OPERATIONAL DIRECTION WITHOUT DAMAGES	500 cN
	1.4	OPERATIONAL LIFE TIME	> 100.000 CYCLES
	1.3	SWITCH OPERATIONAL FORCE	>30 cN to <90 cN
	1.2	BENDING OF SOLDERING TERMINALS	> 4 CYCLES 90°
	1.1	PULL STRENGTH OF SOLDERING TERMINALS	> 500 cN INITIAL



SCALE 10:1



SCALE: 40:1		MATERIAL:	
FUNDAMENTAL TOLERANCE: ± 0,03 [0.001] (C)		HEAT TREATMENT:	
ANGLE TOLERANCE: ± 1°		FINISH: refer to detail prints	
MISMATCH TOLERANCE: ± 0,03 [0.001] (C)		TITLE: 2900 wo/Flanged Housing PRODUCTION	
D	C10111584	09/23/10	00
C	C10103104	09/08/05	BCS
B	C10102732	06/10/05	BCS
A	A10100099	05/22/03	BCS
REV.	CHANGE #	DATE	NAME
		RELEASED	6-30-08 GJP
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		REVISION: D	SHEETS: 1 of 1