DIN Signal male connector - SMC STUDIO STUDI	1	2	3	4		5	6		7		8
UIN Signal male connector - SPIL Very owner. Very owner						Coldonia instructions	:			÷	:
### 15 Process of the first will be shall be sha	IARTING	DIN Signal male	e connector - S	SMC . ST .	RoHS 2002/95/EC	Soldering instructions				<u>:</u>	<u> </u>
1		2 o.gee.				SMC (Surface Mount Compatib	ble) connectors are designed to be	used in a reflow oven toget	her with other SMD (Surface	e Mount Device) comp	oonents. In this process, cal
The Control of Control			:	:	-	well "Pin in Hole Intrusive Re	eflow", the connectors are inserted	into plated through holes i	n a comparable way to conv	entional component m	nounting. All other componer
Service of the control of the contro	general information	· · · · · · · · · · · · · · · · · · ·				· 		protrudo by no more than	15 millimatras after incertio	n to the neb Fach co	ontact collects colder on it
Marriagness						as it penetrates the solder	paste in the hole. So if the contact	t is too long, this solder wo	uld no longer be able to ref	flow back into the pla	ated through hole by capill
Services 1996 The control of the co			oes: B, 2B, 3B, C, 2C, 3C, M male			action during the soldering p	process, therefore the quality of th	e soldered connection would	I suffer as a result.		
Market from the control of the contr									<u> </u>	<u>.</u>	<u> </u>
Fig. 1						Quantity of solder paste					-
The service of the Se			<u>.</u>			Refore the commonents are a	assembled solder naste must be an	nlied to all the solder nads	(for connection surface-mon	unt commonents) and	the plated through holes
Martin M					_	To ensure that the plated th	hrough holes are completely filled, s	significantly more solder page	ste must be applied than tra	aditional solder pads	on the pcb surface. There
Part			e derating diagram)			numerous calculation methods	s available which are complicated to	apply. The following rule o	f thumb has proved valuable	e in practice:	
The first restriction of the control	Tompospaturo napro										
The contract of the contract o	Telliperature range		ng				f colder nacte				
Section 1	3,		·	·		VH = Volume of the plated t	through hole				
Note 1	Llearance & creepage distance		pole may 20M			VP = Volume of the connector	or termination in the hole				
Major to 1/2 Majo	Insertion and withdrawal force	·	•			Comment: the multiplier "2" o	compensates for solder paste shrink	kage during soldering. For th	his purpose, it was assumed	that 50 % of the pa	aste consists of the actual
Pot 1.5	miscriton and withdrawat force	•	•	le max. 90N		the other 50 % being solderi	ring aids.				
C 1 1 1 1 1 1 1 1 1			<u> </u>	·		Cross section of solder -!					
10. The 1993 The State of Part The State o	Mating cycles					CLASS SECTION OF SOURE, MINZ	•		=	=	.
In the Company of the Control of the			50 ma	ating cycles		$A = 0.29 \text{mm}^2 - 0.33 \text{mm}^2$					
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Internal your part EC 6694-1 II NO 2-17 - 1903 Will consider trained II Confect numbried Confect numbried Congress allows Confect numbried Confect numbried Congress allows Event of the Confect numbried Confect numbried Congress allows Event of the Confect numbried Congress allows Even of the Confect numbries Congress allows Even of the Congress allows Even of the Confect numbries Congress allows Even of the	Insulator material					.]					
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