



????????????????????1????????????????????2?07????????????  
[1]?2?9 cm????14?3 cm??6?9 cm????????????????????

????????????????9?4 g?\*\*\*??13?0 g????????????(??)????????  
?3?1 cm????????[2]????????96?10%????????(??)199?7 g/mm2?????2?3  
????????17?00%??????60%????0?97%??????28%????17?5????2?2??  
????0?5????30??????

3?????:????????????????2500????????????????  
????????11-13????????????????????17.9??  
?14.6????0.78????????6????2-3????????  
????????

4????????1965????×????????  
????8???? 12????,????  
????16.5%??6????  
????  
????

5????2002????????10??\*\*\*??12????  
????91.2????5????5?7????

6?????:????1993????14.5????2????  
??4????11????22.6??17.4??1.3????90.3?

1????

7????10.85??\*\*\*??14.2????2.24????  
????14.8%??5????3-5????  
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