



```
sat
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(model
  ;; universe for Message:
  ;;   Message!val!1 Message!val!0
  ;;   -----
  ;; definitions for universe elements:
  (declare-fun Message!val!1 () Message)
  (declare-fun Message!val!0 () Message)
  ;; cardinality constraint:
  (forall ((x Message)) (or (= x Message!val!1) (= x Message!val!0)))
  ;;   -----
  ;; universe for Acceptor:
  ;;   Acceptor!val!0
  ;;   -----
  ;; definitions for universe elements:
  (declare-fun Acceptor!val!0 () Acceptor)
  ;; cardinality constraint:
  (forall ((x Acceptor)) (= x Acceptor!val!0))
  ;;   -----
  (define-fun acc () Acceptor
    Acceptor!val!0)
  (define-fun type () Message
    Message!val!0)
  (define-fun TwoB () Message
    Message!val!1)
  (define-fun maxVBal () Int
    0)
  (define-fun maxVal () Int
    5)
  (define-fun b () Int
    2)
```