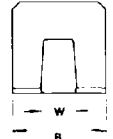
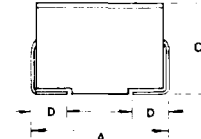
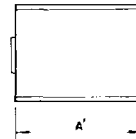


# SURFACE MOUNT INDUCTORS

## IT453232 SERIES

DIMENSIONS: A=.175 +- 0.11, A'=.164 +- .008  
B=.125 +- .001, C=.125 +- .001, D=.039, W=.047  
All dimensions are in INCHES.

Add to part number: Tolerance; J=5%, K=10%, M=20%. Packaging: B=Bulk, T=Tape & Reel.



| Part #        | L (uH) | Q min. | Test Freq. MHZ | SRF MHZ min. | DCR Ohms max. | DCC (mA) max. |
|---------------|--------|--------|----------------|--------------|---------------|---------------|
| IT453232-R10* | 0.1    | 35     | 25.2           | 300          | 0.18          | 800           |
| IT453232-R12* | 0.12   | 35     | 25.2           | 280          | 0.2           | 770           |
| IT453232-R15* | 0.15   | 35     | 25.2           | 250          | 0.22          | 730           |
| IT453232-R18* | 0.18   | 35     | 25.2           | 220          | 0.24          | 700           |
| IT453232-R22* | 0.22   | 40     | 25.2           | 200          | 0.25          | 665           |
| IT453232-R27* | 0.27   | 40     | 25.2           | 180          | 0.26          | 635           |
| IT453232-R33* | 0.33   | 40     | 25.2           | 165          | 0.28          | 605           |
| IT453232-R39* | 0.39   | 40     | 25.2           | 150          | 0.3           | 575           |
| IT453232-R47* | 0.47   | 40     | 25.2           | 145          | 0.32          | 545           |
| IT453232-R56* | 0.56   | 40     | 25.2           | 140          | 0.36          | 520           |
| IT453232-R68* | 0.68   | 40     | 25.2           | 135          | 0.4           | 500           |
| IT453232-R82* | 0.82   | 40     | 25.2           | 130          | 0.45          | 475           |
| IT453232-1R0* | 1      | 50     | 7.96           | 100          | 0.5           | 450           |
| IT453232-1R2* | 1.2    | 50     | 7.96           | 80           | 0.55          | 430           |
| IT453232-1R5* | 1.5    | 50     | 7.96           | 70           | 0.6           | 410           |
| IT453232-1R8* | 1.8    | 50     | 7.96           | 60           | 0.65          | 390           |
| IT453232-2R2* | 2.2    | 50     | 7.96           | 55           | 0.7           | 380           |
| IT453232-2R7* | 2.7    | 50     | 7.96           | 50           | 0.75          | 370           |
| IT453232-3R3* | 3.3    | 50     | 7.96           | 45           | 0.8           | 355           |
| IT453232-3R9* | 3.9    | 50     | 7.96           | 40           | 0.9           | 330           |
| IT453232-4R7* | 4.7    | 50     | 7.96           | 35           | 1             | 315           |
| IT453232-5R6* | 5.6    | 50     | 7.96           | 33           | 1             | 300           |
| IT453232-6R8* | 6.8    | 50     | 7.96           | 27           | 1.2           | 285           |
| IT453232-8R2* | 8.2    | 50     | 7.96           | 25           | 1.4           | 270           |
| IT453232-100* | 10     | 50     | 2.52           | 20           | 1.6           | 250           |
| IT453232-120* | 12     | 50     | 2.52           | 18           | 2             | 225           |
| IT453232-150* | 15     | 50     | 2.52           | 17           | 2.5           | 200           |
| IT453232-180* | 18     | 50     | 2.52           | 15           | 2.8           | 190           |
| IT453232-220* | 22     | 50     | 2.52           | 13           | 3.2           | 180           |
| IT453232-270* | 27     | 50     | 2.52           | 12           | 3.6           | 170           |
| IT453232-330* | 33     | 50     | 2.52           | 11           | 4             | 160           |
| IT453232-390* | 39     | 50     | 2.52           | 10           | 4.5           | 150           |
| IT453232-470* | 47     | 50     | 2.52           | 10           | 5             | 140           |
| IT453232-560* | 56     | 50     | 2.52           | 9            | 5.5           | 135           |
| IT453232-680* | 68     | 50     | 2.52           | 9            | 6             | 130           |
| IT453232-820* | 82     | 50     | 2.52           | 8            | 7             | 120           |
| IT453232-101* | 100    | 40     | 0.796          | 8            | 8             | 110           |
| IT453232-121* | 120    | 40     | 0.796          | 6            | 8             | 110           |
| IT453232-151* | 150    | 40     | 0.796          | 5            | 9             | 105           |
| IT453232-181* | 180    | 40     | 0.796          | 5            | 9.5           | 102           |
| IT453232-221* | 220    | 40     | 0.796          | 4            | 10            | 100           |
| IT453232-271* | 270    | 40     | 0.796          | 4            | 12            | 92            |
| IT453232-331* | 330    | 40     | 0.796          | 3.5          | 14            | 85            |
| IT453232-391* | 390    | 40     | 0.796          | 3            | 16            | 80            |
| IT453232-471* | 470    | 40     | 0.796          | 3            | 26            | 62            |
| IT453232-561* | 560    | 30     | 0.796          | 3            | 30            | 50            |
| IT453232-681* | 680    | 30     | 0.796          | 3            | 30            | 50            |
| IT453232-821* | 820    | 30     | 0.796          | 2.5          | 35            | 30            |
| IT453232-102* | 1000   | 30     | 0.252          | 2.5          | 40            | 30            |