

*Eassan Electric Wire & Cable Co. , LTD.*

## *SPECIFICATION*

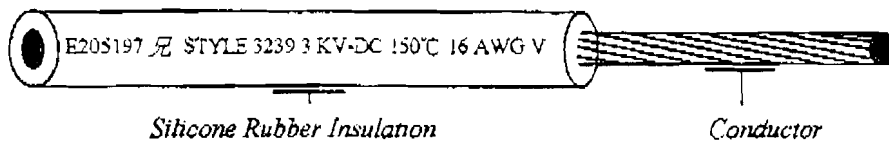
Type : *UL Style 3239 C-UL type TV-3 150 °C 16 AWG*

*Diagrams :*

*Subject to the standard UL 758*

*CSA / CAN C 22.2 , No. 210.2-M90*

*UL & C-UL Recognized File : E205197*



*Conductor :*

*Composition of conductor : 26 / 0.26 tinned copper stranded .*

*Diameter of stranding conductor : Approximate 1.5 mm .*

*Cross-sectional area of stranding conductor : Nominal 1.31 MM ( Min.1.28 MM )*

*Insulation :*

*Material of insulation : Compound Silicone Rubber*

*Average thickness of insulation : 0.5 mm .*

*Minimum thickness of insulation at any point : 0.43 mm .*

*Overall diameter :*

*Nominal overall diameter : 2.5 mm , Tolerance ( = 0.1 mm ) .*

*Surface marking :*

*E 205197 cUL AWM STYLE 3239 3 KV-DC 150°C 16 AWG VW-1*

*cUL TYPE TV-3 SILICONE RUBBER 150°C 16 AWG EASSAN*

*The above surface marking is only for reference .*

*Physical & Electrical Properties :*

*Unaged :*

*Average elongation : 170%*

*Average tensile strength : 800 lbf/ in*

*After aged : In an air oven with temperatur of 158 °C ( = 1 °C ) for 60 days .*

*Average elongation : Over 25% of unaged test specimens .*

*Average tensile strength : Over 60% of unaged test specimens .*

*Resistance of conductor : Maximum 14.6 Ohms per 1,000 M ( at 20 °C ) .*

*Resistance of insulation : Minimum 110 M Ohms . km ( at 20 °C ) .*

*Dielectric test : 6 KV-DC for 30 minutes No Breakdown .*