

THERM-O-LINK INC.

10513 Freedom Street
GARRETTSVILLE, OHIO 44231

(330) 527-2124
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Material Specification

Customer: IEWC

TOL Part Number: **XHHW/SIS-F-12-1005**

Customer Part Number: SIS12T65-X

Description: 12 AWG(3.31mm²) XHHW-2 & SIS (VW-1) DUAL RATED, EPCV SUPEROHM INSULATED 90 DEG C 600V, 65 STRANDS TINNED WITH c(UL) MARKING

Conductor (Stranding): 65 X 30 AWG Tinned Copper , UL

Conductor OD (Nom) 0.089 inches

Max. Lay Length: 2.0 inch Lay

Min Avg Wall Thickness: 0.030 inches

Min. O.D : 0.149 inches

Nom. O.D: 0.152 inches

Max Runout: 0.008 inches

Strip Force: 5 lbs(min) –22 lbs(max)

Circular Mils (CMA): 6334 (Min)

Surface Print: 12 AWG (3.31mm²)(UL) XHHW-2 OR SIS VW-1 600V E7088 CSA c(UL)
R90 600V FT1 FT2 LL25850

This product is RoHS Compliant

Insulation Compound : EPCV Compound with excellent Heat, Radiation, Crush, Deformation Resistance at high temperatures and Superior Flexibility.

Passes Cold Bend Test @ Minus 40C for 4 Hours.

It is not Halogen Free.

Specification Reference Data

SAE: N/A

Ford: N/A

Chrysler: N/A

Packard: N/A

Other: UL STD 44 / CSA 22.2#127-2009

Therm-O-Link, Inc. certifies that the above specifications are met or exceeded in the production of this product.

Verified By:

Mir Hussain (Corporate Quality Engineer)

Date: 7-2-2014