canfield connector

SPECIFICATION FOR W1090 EUROPEAN SUB MICRO MOLDED CABLE

1. APPLICATION IS PRIMARILY FOR INTERCONNECTION OF ELECTRONIC EUIPMENT, INCLUDING PROXIMITY SWITCHES, CONNECTORS, AND TIMERS. IT CAN ALSO BE USED FOR REMOTE CONTROL, INSTRUMENTATION, ETC.

2. CONDUCTORS ARE TO MEET THE FOLLOWING CRITERIA:
   A. 20 AWG
   B. 19/32 STRANDING
   C. COMPOSED OF FULLY ANNEALED BARE COPPER

3. JACKET IS TO BE GRAY PVC: GFE 8085

4. COLOR CODE IS TO BE BROWN, BLUE AND YELLOW/GREEN.

5. INSULATED CONDUCTORS ARE TO BE CABLED AND TWISTED.

6. THE RELEASE AGENT IS TO BE TALC. NO TISSUE IS TO BE USED IN THE PRODUCTION OF THIS WIRE.

7. JACKET IS TO BE PRESSURE EXTRUDED. THE JACKET SHOULD BE FLOODED AROUND THE INSULATORS. THE OUTSIDE JACKET MUST BE ROUND.

8. 1000 FOOT SPOOLS, WHICH MEET OUR SPOOL SPECIFICATIONS.

9. WIRE MUST BE FREE STRIPPING. THIS IS TO SAY THE INSULATOR IS EASY TO REMOVE FROM THE CONDUCTOR AND THE JACKET IS EASY TO REMOVE FROM THE INSULATORS.

10. WIRE IS TO BE PRINTED WITH BLACK INK WITH THE FOLLOWING APPROVALS:
   A. U.L. VW-1
   B. U.L. APPROVAL OR C(UL) APPROVAL AWM 2095 or 2464
   C. CSA APPROVAL OR C(UL) APPROVAL AWM I/II A

11. WIRE IS TO BE PRINTED WITH BLACK INK WITH THE FOLLOWING MARKINGS:
   A. 300 VOLT
   B. 20/3
   C. W1090
   D. 80 DEGREES CENTIGRADE

12. WIRE OUTSIDE **DIAMETER IS CRITICAL**: .190 INCHES, +/-.005 INCHES.

13. VOLTAGE RATING IS TO BE 300 VOLTS.

14. TEMPERATURE RATING IS TO BE +80 DEGREES CENTIGRADE.

15. CONDUCTOR INSULATION IS TO BE PVC.

16. THE FLEXIBILITY OF THIS WIRE IS CRITICAL. THE BENDING RADIUS SHOULD BE 8 TIMES OR LESS THE CABLE'S OUTSIDE DIAMETER. BENDING RADIUS = 1.62 INCHES. THE MORE FLEXIBLE THE WIRE, THE BETTER.

17. A CERTIFICATE STATING CONFORMANCE WITH OUR SPECIFICATIONS AND THE DATE OF MANUFACTURE NEEDS TO BE SUPPLIED WITH EVERY ORDER OF THIS WIRE.

FEB (07/20/07) Added black ink and removed royal blue ink.
RWA (08/01/07) FEB had changed line10 from UL 2095 to 2464 on 7/20/07. I am adding back UL 2095 as an alternative.
NTL (01/27/16) Remove "CANFIELD CONNECTOR" from printing on wire.