O 0 NOTES UNLESS OTHERWISE SPECIFIED: These technical data are controlled under the Export Administration Regulations and have an ECCN of 9E991. Diversion contrary to U.S. law is prohibited. CONDUCTORS: 16 AWG STRANDED (19 STRANDS) T/C CONDUCTORS IN ACCORDANCE WITH IEC 60584-3. FOR CLASS 1 MATERIALS. DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009. CONDUCTOR INSULATION COLORS: Kn - GREEN Kp - WHITE SERVICE TEMPERATURE OF CABLE TO BE 260°C CONTINUOUS THE DIELECTRIC STRENGTH BETWEEN CONDUCTOR AND GROUND SHALL BE MEASURED AT 1000 VAC, 60 Hz. THERE SHALL BE NO FLASHOVER, BREAKDOWN, OR SPARK OVER. THE MAXIMUM LEAKAGE CURRENT SHALL BE 1 MILLIAMP. THE INSULATION ON THE CABLE MUST BE CAPABLE OF MEETING THE REQUIREMENTS IN MIL-C-27500, PARA. 4.5.9, 4.5.10 AND 4.5.12.1. CONDUCTOR INSULATION:
EACH CONDUCTOR SHALL HAVE A WRAP OF 004
SINTERED TEFLON TAPE AS A PRIMARY INSULATION WITH 2
WRAPS OF .004 THICK VIRGIN TEE CROSS WRAPPED AND
SINTERED OVER IT. MINIMUM INSULATION THICKNESS TO
BE .009 INCHES. THIS DRAWING CONTAINS PROPRIETARY INFORMATION OF AMETICK AEROSPACE. IT IS PROVIDED SUBJECT TO THE CONDITIONS THAT NO COPY OR OTHER REPRODUCTION BE MADE IN WHOLE OR IN PART AND THAT NO OTHER USE BE MADE OF SUCH INFORMATION WITHOUT EXPRESS WRITTEN PERMISSION BY AMETEK. PROPRIETARY w PART NO P002 P001 MODEL NO. 8TH97AAA1 Stan Hilton CONTRACT NO. RDA11034 BR700NG AWG. 16 16 6/16/15 "K" TYPE ALL DAYS OF TALL THE OF T DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED 8 S MAX RUNOUT, OOS FLM, BREAK SHAPP EDGES, 005-, p10 MACHINE FILLE RADI 005-, p15 XX ± , 015 ANGLES ± 1 \*\* ZONE COLOR <sup>MG</sup> J. Donovan 6/16/15 <sup>MG</sup> J. Donovan 6/16/15 <sup>MA</sup> J. Chaklos 6/22/15 REV № C. Prouty Bradley P. Blake WHITE GREEN Blake RDA11034 (1)Issued for production. 11/17/14 DESCRIPTION STRANDS MEROSPACE AND DEFENSE 9 19 CAGE CODE 97424 EST WT REVISIONS WIRE, TYPE "K", 16 AWG **NAMTEX** 6/16/15 DATE 8950A59 bblake 7/13/2015 C. Prouty APPROVED NGTON, MA. 01887 OF I A. O 1 8950A59 0

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