

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
A		Blake RDA11034 (1) Issued for production.	6/16/15	C. Prouty

- NOTES UNLESS OTHERWISE SPECIFIED:
- DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009.
 - CONDUCTORS: 16 AWG STRANDED (19 STRANDS) T/C CLASS 1 MATERIALS.
 - CONDUCTOR INSULATION: EACH CONDUCTOR SHALL HAVE A WRAP OF .004 SINTERED TEFLON TAPE AS A PRIMARY INSULATION WITH 2 WRAPS OF .004 THICK VIRGIN THE CROSS WRAPPED AND SINTERED OVER IT. MINIMUM INSULATION THICKNESS TO BE .009 INCHES.
 - SERVICE TEMPERATURE OF CABLE TO BE 260°C CONTINUOUS.
 - CONDUCTOR INSULATION COLORS:
 - Kn - GREEN
 - Kp - WHITE
 - 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.
 - 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 MILLIAMPS.

PART NO.	AWG.	"K" TYPE	INSULATION COLOR	STRANDS
P001	16	Kn	GREEN	19
P002	16	Kp	WHITE	19

These technical data are controlled under the Export Administration Regulations and have an ECCN of 99991. Diversion contrary to U.S. law is prohibited.

THIS DRAWING CONTAINS PROPRIETARY INFORMATION OF AMETEK 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

CONTRACT NO.		UNLESS OTHERWISE SPECIFIED		DRAWN		CHECKED		DATE		TITLE	
BR700NG		INTERPRET DRAWING FOR ASSEMBLY		Brookley P. Blake		11/17/14		6/16/15		AEROSPACE AND DEBRIS	
MODEL NO. 81H97AAA1		PART TO BE USED		MSG C. Prouty		6/16/15				WIRE, TYPE "K", 16 AWG	
RD A 11034		ALL DIMS MUST BE AFTER PLATING		GK J. Chokios		6/22/15				WILMINGTON, MA 01897	
Issued for PRODUCTION		✓ ALL MACHINED SURFACES		MATERIAL						CAGE CODE 97424	
Ston Hillton 6/16/15		MAX SURF FINISH: 32-100		SPEC						DWG NO. 8950A59	
		MAX SURF FINISH: 32-100								REV. A	
		MAX SURF FINISH: 32-100								EST. NO. 8-1	
		MAX SURF FINISH: 32-100								ACT. NO.	
		MAX SURF FINISH: 32-100								SHEET 1 OF 1	

8950A59

bbkbe 7/13/2015