

7840546 SHEET 2 REV A

MIL-W-16878 TYPE F SHIELDED AND JACKETED HOOK-UP WIRE

NO. 20 AWG SINGLE CONDUCTOR, TEFLON INSULATED,
SHIELDED AND TEFLON JACKETED OVER-ALL, 600 V RMS, 200°C

PART NO.	INSULATION COLOR CODE			
	BASE COLOR	WIDE TRACER	NARROW TRACER	
1	WHITE	BLUE	NONE	
2		BLUE	RED	
3		GREEN	NONE	
4		GREEN	RED	
5		YELLOW	NONE	
6		YELLOW	RED	
7		RED	NONE	
8		RED	ORANGE	
9		VIOLET	NONE	
10		GRAY	NONE	
11		GRAY	BLACK	
12		WHITE	NONE	NONE

FIG 901-4F (2-67) PRINTED IN U.S.A.

GENERAL ELECTRIC SYRACUSE

SIZE CODE IDENT NO.
A 03538

7840546

DRAWN BY *[Signature]*
CHECKED BY *[Signature]*

SCALE NONE

SHEET 2

SIZE **A** 7840546 SHEET 1 OF 2 REV **A**

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	SH-2 UPDATED REV STATUS BLOCK SH-2 ADDED PART 12 ENR ABILL 244 <i>H. Quinn</i>		<i>H. Quinn</i>

- NOTES:
- CENTER CONDUCTOR:** 20 AWG, STRANDING 19/.008, SILVER COATED COPPER, WHITE TEFLON INSULATION COLOR CODED IN ACCORDANCE WITH THE FOLLOWING TABLE. DIAMETER SHALL BE .054 MINIMUM, .062 MAXIMUM (SEE 4).
 - SHIELD:** SILVER COATED COPPER SHIELD COMPOSED OF .005" DIAMETER WIRES. MINIMUM COVERAGE SHALL BE 90% AND THE MAXIMUM BRAID ANGLE SHALL BE 35° MAXIMUM O.D. .084.
 - OUTER JACKET:** OVER THE SHIELD SHALL BE A BLACK TEFLON JACKET. MAXIMUM O.D. .111.
 - SPECIFICATION:** WIRE SHALL BE IN ACCORDANCE WITH MIL-W-16878D AND MIL-W-16878/4A FOR TYPE E INSULATED WIRE WITH A SHIELD AND TEFLON JACKET (EXCEPT MAXIMUM LENGTH OF LAY SHALL BE .60 INCH).
 - PACKING AND MARKING:** THIS SHALL BE IN ACCORDANCE WITH G.E. DRAWING 7094537.
 - G.E. CO INCOMING TEST:** TEST FOR CONTINUITY OF CENTER CONDUCTOR AND HIPOT BETWEEN CENTER CONDUCTOR AND SHIELD WITH 2000 V RMS.

SELECTED ITEM DRAWING

PURCHASE ORDER FROM
ITT WIRE & CABLE DIV
CLINTON, MASS.
CODE IDENT NO. 90484
OR ANOTHER APPROVED VENDOR

A	A	REVISION	DOCUMENT
2	1	SHEET	REVISION STATUS

FR-901, (3-65) REV. PRINTED IN U.S.A.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± ± ±
ALL SURFACES V
MATERIAL

SIGNATURES				DAY	MO	YR
DRAWN	<i>J. Quinn</i>			7	6	68
CHECKED	<i>J. Quinn</i>			7	6	68
ISSUED	<i>J. Quinn</i>			7	6	68
ENGRS	<i>J. Quinn</i>			7	6	68
WFS						
MATLS						

████████████████████
HME ██████████
CABLE, SPECIAL
PURPOSE, ELECTRICAL
(BULK)

SIZE **A** CODE IDENT NO. **03538** 7840546
SCALE **ONE** SHEET **1 OF 2**

17
DIST TO L1

GL 6145-41