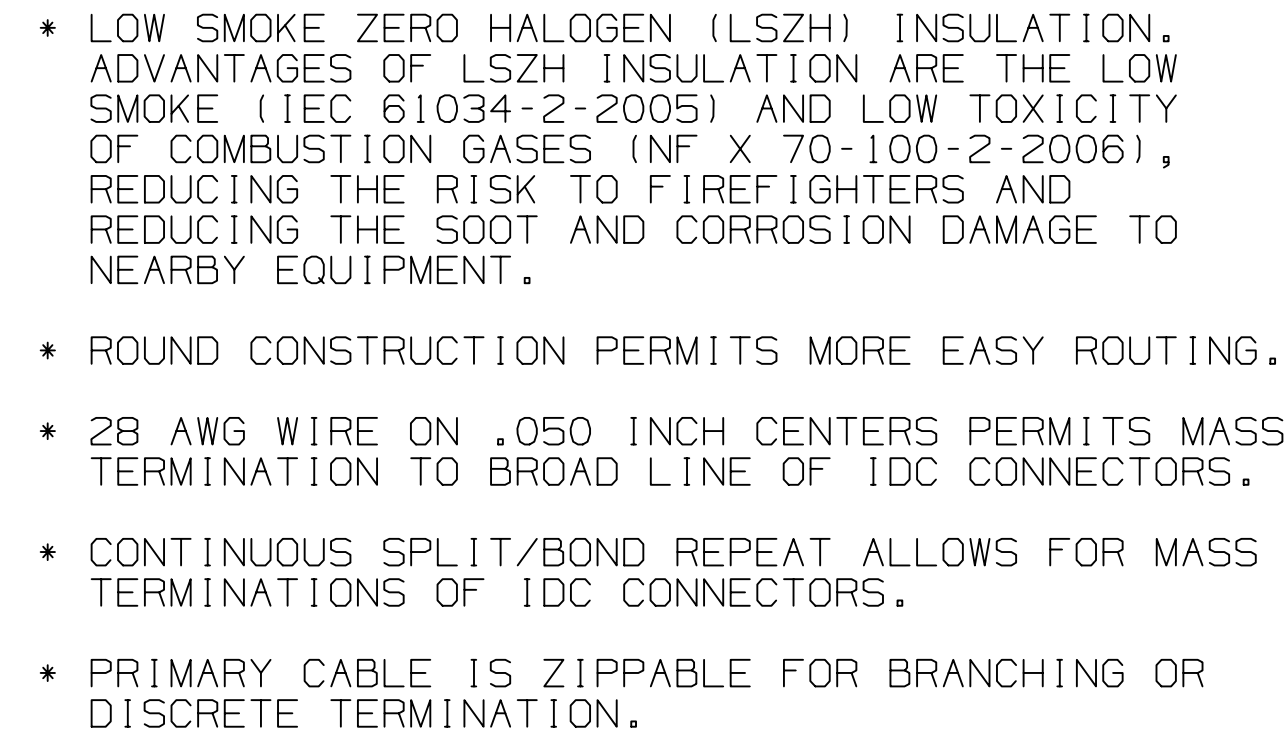


.050" 28 AWG STRANDED, MASS TERMINATED, HALOGEN FREE PO/PO



- 2 PHYSICAL :

MARKING: _____
STANDARD: NONE
CONDUCTORS: 28 AWG, 7 X 36 AWG [7 X Ø .127] TINNED STRANDED COPPER
SHIELDING: POLYESTER FILM

2 ELECTRICAL :

	UNBALANCED	BALANCED
CHARACTERISTIC IMPEDANCE:	75Ω	136Ω
CAPACITANCE:	22.6 pF/ft [74.3 pF/m]	12.4 pF/ft [40.6 pF/m]
INDUCTANCE:	.13μH/ft [.43μH/m]	.23μH/ft [.75μH/m]
PROPAGATION DELAY:	1.69 ns/ft [5.54 ns/m]	1.69 ns/ft [5.54 ns/m]
VELOCITY OF PROPAGATION:	60%	60%

NOTE: UNBALANCED IS MEASURED BETWEEN GROUND-SIGNAL-GROUND CONDUCTORS.
BALANCED IS MEASURED BETWEEN CONDUCTORS WITHIN A PAIR.
"MEASURED VALUES ARE TYPICAL"

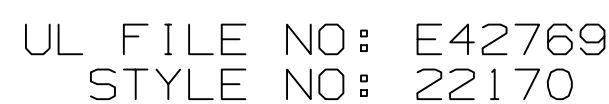
2 ENVIRONMENTAL :

FLAMMABILITY RATING: INTERNAL: HORIZONTAL FLAME PER UL758
EXTERNAL: CABLE FLAME (VERTICAL) PER UL758

HALOGEN FREE IS DEFINED AS BOTH 1) NO HALOGEN COMPOUNDS THAT ARE INTENTIONALLY ADDED TO THE PRODUCT OR USED IN THE MANUFACTURING PROCESS FOR THE PRODUCT AND 2) ANY IMPURITIES PRESENT ARE LESS THAN 900ppm BROMINE, LESS THAN 900ppm CHLORINE AND/OR LESS THAN 1500ppm TOTAL BROMINE AND CHLORINE. THE LATTER ARE THE LEVELS SET FORTH IN CERTIAN INDUSTRY STANDARDS FOR PRINTED CIRCUIT BOARDS, SUCH AS THE INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC) 61249-2-21 STANDARDS. THIS INFORMATION REPRESENTS 3M'S KNOWLEDGE AND BELIEF WHICH MAY BE BASED IN WHOLE OR IN PART ON INFORMATION PROVIDED BY 3RD PARTY SUPPLIERS TO 3M.

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INTERCONNECT SOLUTIONS
<http://www.3Mconnectors.com>

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INCH [MM]			
TOLERANCE - UNLESS NOTED			
	.X	.XX	.XXX
INCH	±.1	±.05	±.010
[] = DIM. FOR REFERENCE ONLY			

A

78-5100-2336-5
DRAWING NUMBER

E
REVISION

3M™ ROUND, JACKETED, FLAT CABLE, HF759 SERIES

.050" 28 AWG STRANDED, MASS TERMINATED, HALOGEN FREE PO/PO

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DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED		TITLE			
						RD, JACKETED, 28 AWG, FLAT CABLE, HF759, HALOGEN FREE			
THIRD ANGLE PROJECTION		INCHES		MILLIMETERS		CAGE NUMBER			
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INTERPRET PER ASME Y14.5 - 2009						D 78-5100-2336-5			
MAX SURFACE ROUGHNESS						REV.			
✓ UNFINISHED SURFACES						E			
✓ MARKED ONLY						DET. LISTS ☒ YES ☒ NO			
		ANGLE ±		MODEL		SHT 2 OF 2			
				HF759					