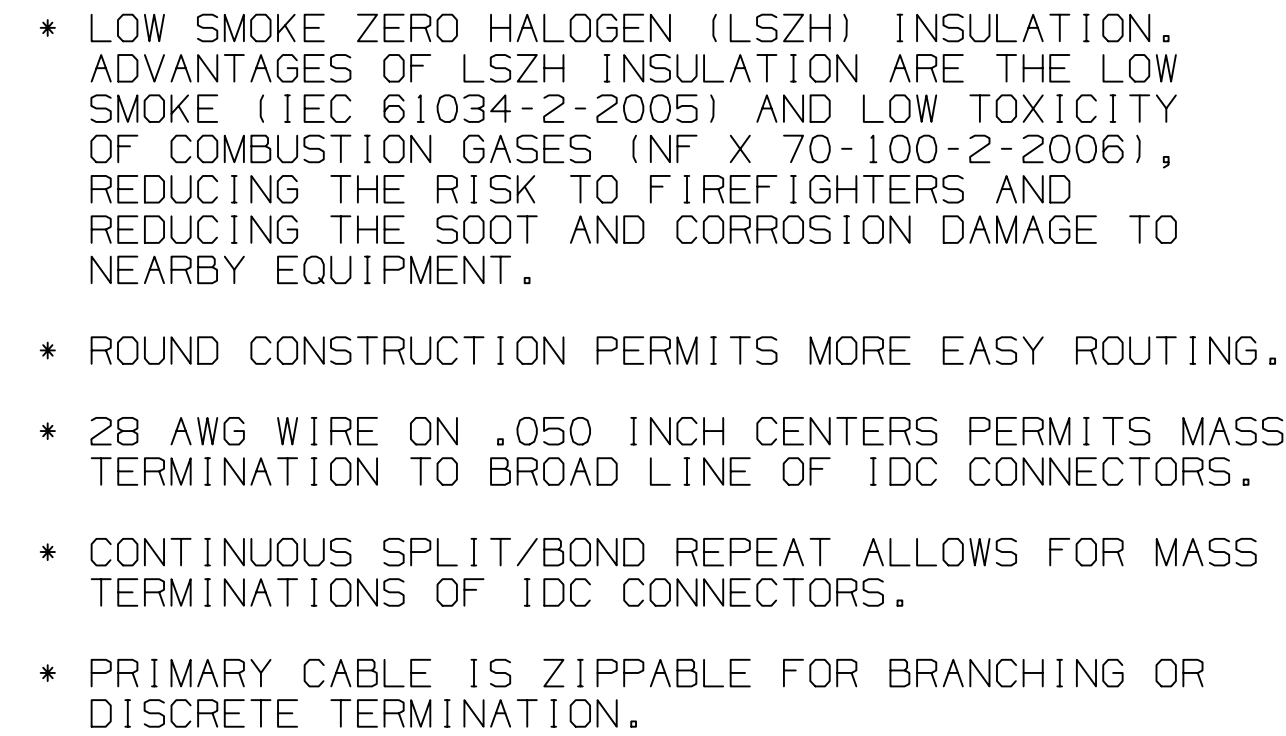


.050" 28 AWG STRANDED, MASS TERMINATED, HALOGEN FREE PO/PO



- 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"

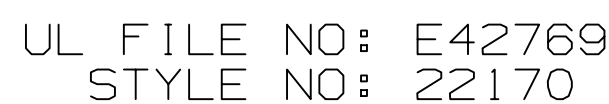
## 2 ENVIRONMENTAL :

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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INFORMATION CALL 800-225-5373



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

	DRAWING NUMBER <b>78-5100-2336-5</b>	REVISION <b>E</b>

8

7

6

5

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3

2

1

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

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

Regulatory: For regulatory information about this product, visit 3M.com/regs or contact your 3M representative.

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DESIGN REFERENCE

NEXT ASSEMBLY

REV

ECO

ISSUE DATE AND DESCRIPTION

DRFT

CHKD

8

7

6

5

4

3

2

1

8

7

6

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4

3

2

1

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

MAX SURFACE ROUGHNESS

MARKED ONLY

SCALE

INTERPRET PER ASME Y14.5 - 2009

MARKED SURFACES

TOLERANCES EXCEPT AS NOTED

MILLIMETERS

INCHES

ANGLES

3M

3M Center St. Paul, MN 55144

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TITLE

RD, JACKETED, 28 AWG, FLAT CABLE, HF759, HALOGEN FREE

CAGE NUMBER

SIZE

DRAWING NO.

REV.

MODEL

HF759

DET

LISTS

YES

NO

SHT

2

OF

2

78-5100-2336-5

DRAWING NUMBER

E

79568

JUL 31, 2018

REVISED & REDRAWN

JNC

BM

Imaged: Central Standard Time 8/1/2018 -- UTC Offset (hrs) 6