

**NOTES:**

CONNECTOR:  
INDUSTRIAL RJ45 OVERMOLDED STRAIGHT(2X)

CABLE TYPE:  
INDUSTRIAL ETHERNET CABLE  
SHIELDED CAT 5 PLUS  
2 X 2 X AWG 22/7  
(PROFINET TYP C)  
GREEN PUR JACKET

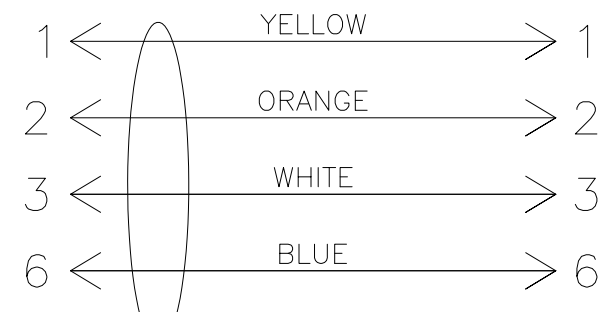
ELECTRICAL:  
MAX VOLTAGE(CABLE): 600V  
MAX VOLTAGE(ASSEMBLY): 125V

MECHANICAL:  
PROTECTION: IP20  
TEMPERATURE RANGE: -40°C TO 70°C

LABELING:  
FOR WRAP LABEL DOCUMENTATION SEE SHEET 2 AND 3  
CABLE IMPRINT: INDUSTRIAL ETHERNET STANDARD CABLE CAT 5 PLUS \* 22AWG  
(SHIELDED) (UL) E119100 VERIFIED CAT 5E CMG 75°C DR PLTC DR AWM 20201  
600V FT4 SUN RES \* 094560001000100 08042M \* 08/8537

MALE RJ45 STRAIGHT  
INDUSTRIAL CONNECTOR #1

**WIRING SCHEMATIC**



SHIELD CARRIED THROUGH

MALE RJ45 STRAIGHT  
INDUSTRIAL CONNECTOR #2

SHIELD NOT CARRIED THROUGH

MOLEX SAP #	LENGTH:	MOLEX SAP #	LENGTH:
1303010001	1.0M [3.3FT]	1303010028	10.0M [32.8FT]
1303010002	2.0M [6.6FT]	1303010029	11.0M [36.1FT]
1303010003	3.0M [9.8FT]	1303010030	12.0M [39.4FT]
1303010004	4.0M [13.1FT]	1303010031	13.0M [42.7FT]
1303010005	5.0M [16.4FT]	1303010032	14.0M [45.9FT]
1303010024	6.0M [19.7FT]	1303010033	15.0M [49.2FT]
1303010025	7.0M [23.0FT]	1303010034	16.0M [52.5FT]
1303010026	8.0M [26.2FT]	1303010035	17.0M [55.8FT]
1303010027	9.0M [29.5FT]	1303010036	18.0M [59.1FT]

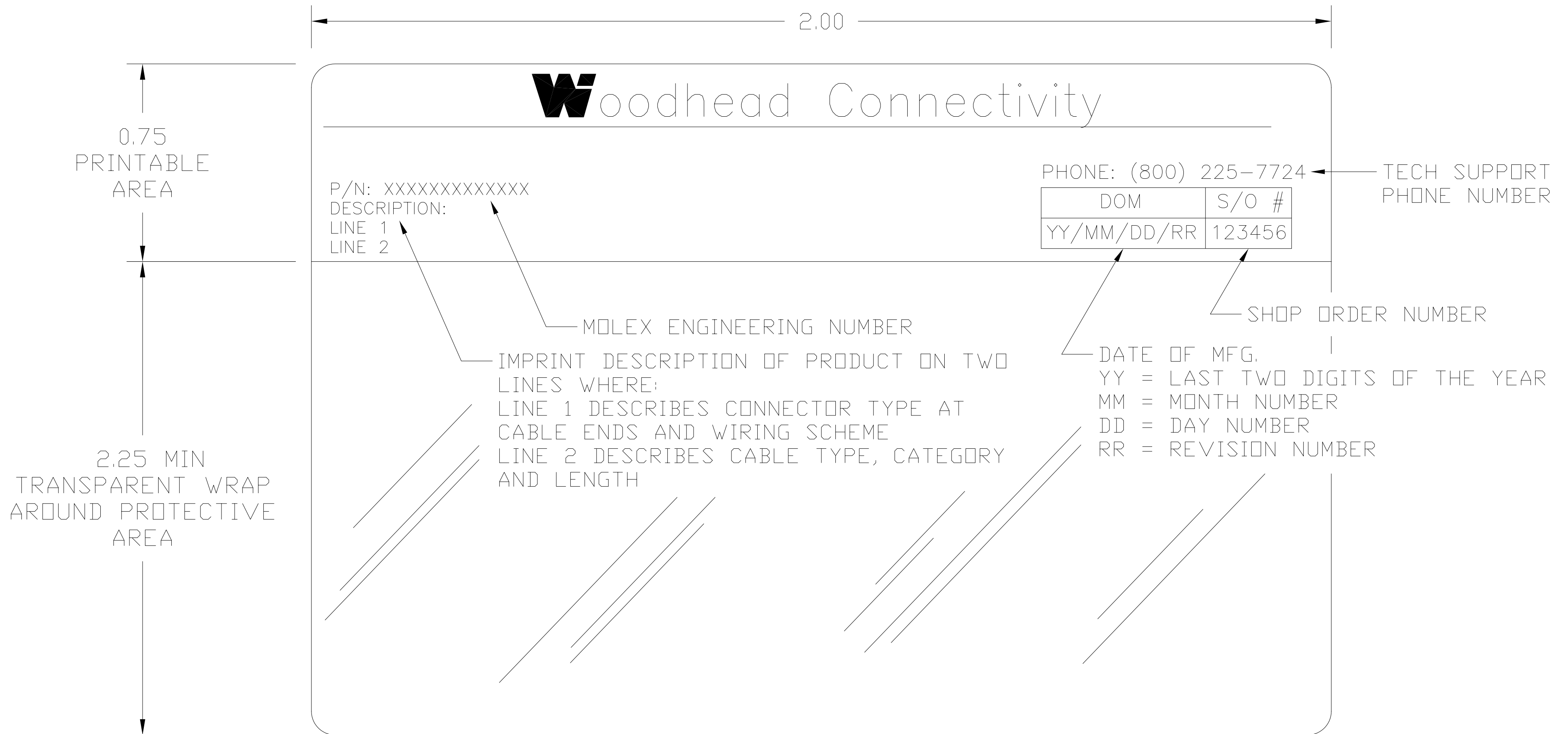
CUSTOMER PRODUCTION APPROVAL  
APPROVED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
MUST BE SIGNED AND RETURNED BEFORE  
PRODUCTION WILL BEGIN.

RESTRICTED SALES DRAWING

RLSO FOR PURCHASING EC NO: WNA2010-0513 DRWN: LHARTMAN 2010/07/26 CH'KD: TWOLDEGE APPR: JFMURPHY 2010/07/28	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	▽=0	4 PLACES	mm ±---	INCH ±---	DRAWN BY LHARTMAN	DATE 2010/07/26	TITLE <b>INDUSTRIAL ETHERNET 4 POLE MA/MA ST/ST 2X2X AWG22/7 GREEN PUR</b>	
	∇=0	3 PLACES	±---	±.005	CHECKED BY TWOLDEGE	DATE 2010/07/26		
		2 PLACES	±0.13	±.010	APPROVED BY JFMURPHY	DATE 2010/07/28	MOLEX INCORPORATED	
	1 PLACE	±0.25	±.020	ANGULAR ±1/2°		MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-130301-001	SHEET NO. 1 OF 1
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

# WRAP LABEL

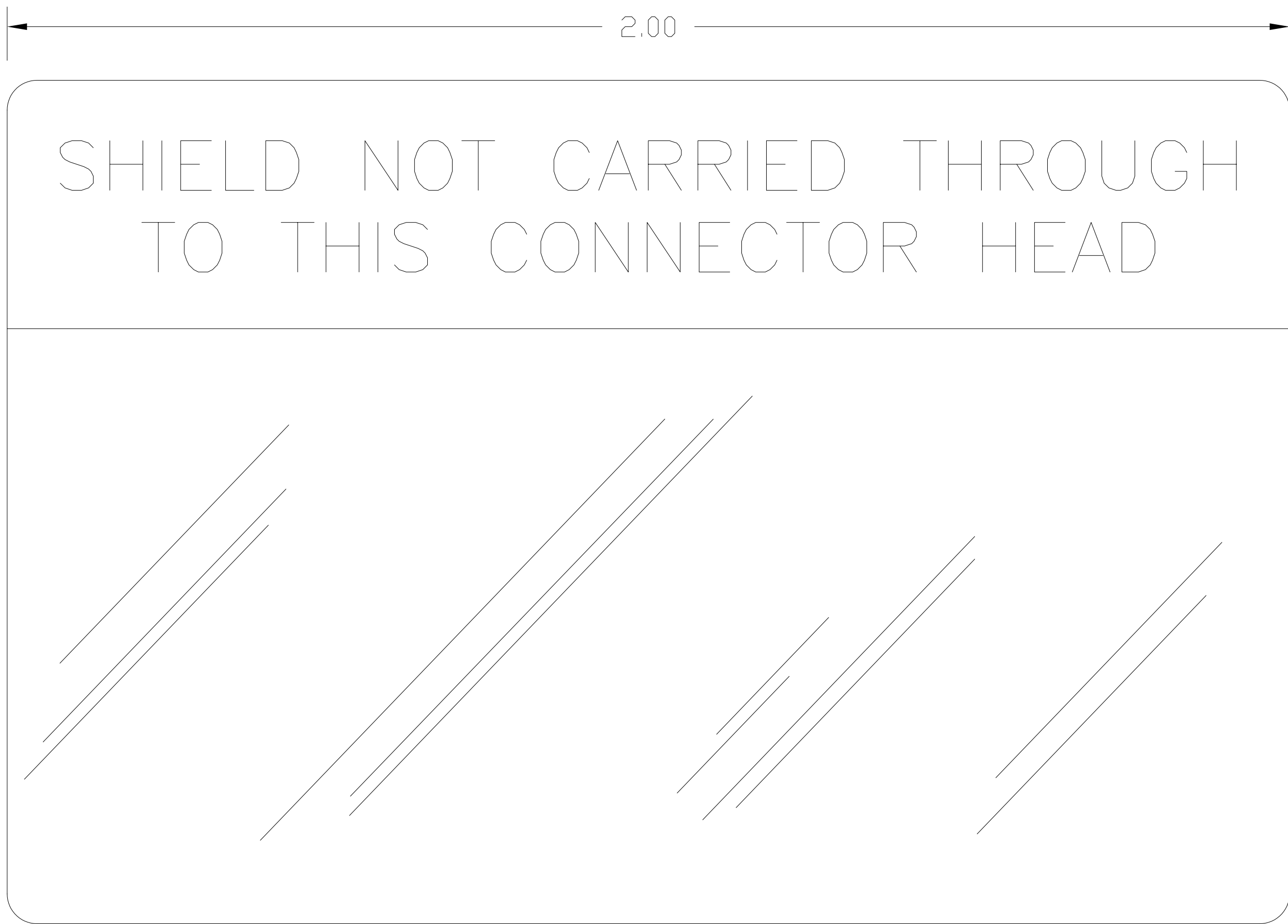
## PRINTING INFORMATION



NOTES:  
1) ALL FONT IN ARIAL

SEE SHEET 1 EC NO: WNA2010-0513 DRWN: LHARTMAN 2010/07/26 CH'KD: TWOLDEGE APPR: JFMURPHY 2010/07/28	QUALITY SYMBOL ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																											
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="font-size: 8px;">mm</td> <td style="font-size: 8px;">INCH</td> </tr> <tr> <td style="font-size: 8px;">4 PLACES</td> <td style="font-size: 8px;">±---</td> <td style="font-size: 8px;">±---</td> </tr> <tr> <td style="font-size: 8px;">3 PLACES</td> <td style="font-size: 8px;">±---</td> <td style="font-size: 8px;">±.005</td> </tr> <tr> <td style="font-size: 8px;">2 PLACES</td> <td style="font-size: 8px;">±0.13</td> <td style="font-size: 8px;">±.010</td> </tr> <tr> <td style="font-size: 8px;">1 PLACE</td> <td style="font-size: 8px;">±0.25</td> <td style="font-size: 8px;">±.020</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±.005	2 PLACES	±0.13	±.010	1 PLACE	±0.25	±.020	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: 8px;">DRAWN BY</td> <td style="font-size: 8px;">DATE</td> </tr> <tr> <td style="font-size: 8px;">LHARTMAN</td> <td style="font-size: 8px;">2010/07/26</td> </tr> <tr> <td style="font-size: 8px;">CHECKED BY</td> <td style="font-size: 8px;">DATE</td> </tr> <tr> <td style="font-size: 8px;">TWOLDEGE</td> <td style="font-size: 8px;">2010/07/26</td> </tr> <tr> <td style="font-size: 8px;">APPROVED BY</td> <td style="font-size: 8px;">DATE</td> </tr> <tr> <td style="font-size: 8px;">JFMURPHY</td> <td style="font-size: 8px;">2010/07/28</td> </tr> </table>	DRAWN BY	DATE	LHARTMAN	2010/07/26	CHECKED BY	DATE	TWOLDEGE	2010/07/26	APPROVED BY	DATE	JFMURPHY	2010/07/28	TITLE INDUSTRIAL ETHERNET 4 POLE MA/MA ST/ST 2X2X AWG22/7 GREEN PUR		
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# UNSHIELDED CONNECTOR LABEL PRINTING INFORMATION



0.75  
PRINTABLE  
AREA

2.25 MIN  
TRANSPARENT WRAP  
AROUND PROTECTIVE  
AREA

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