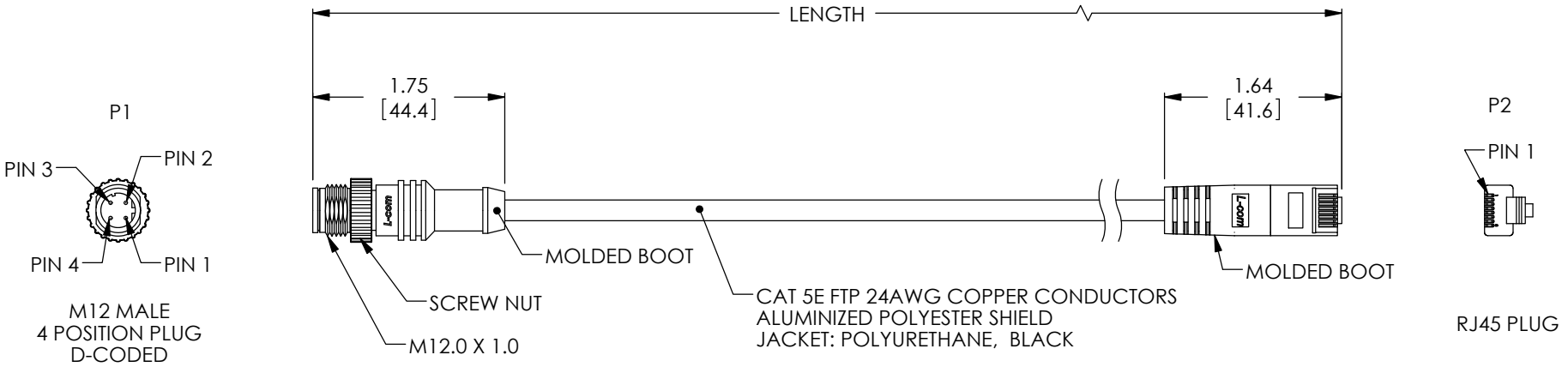
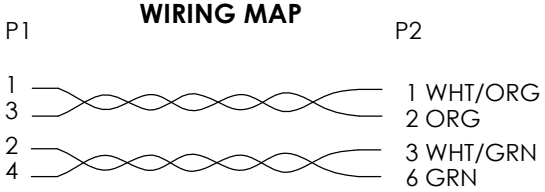
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ECN4691: ADDED M12 CONNECTOR CALL-OUT	04/16/10	DFP
C	ECN 6206: ADDED "D-CODED" FOR CLARIFICATION, REVISED WIRE MAP	6/1/12	D.FRISIELLO
D	ECN 8875: CHG DIM ON RJ45+BOOT LENGTH TO 41.6mm	8/2/2017	R.CLARK
E	ECN 11165 ADD TOLERANCE TO CHART	06/11/2021	DGUTTADAURO



WIRING MAP



△E

PART NUMBER	LENGTH	
	INCH	mm
M12RJ454D-0.5	19.69 -0/+2.36	500 -0/+60
M12RJ454D-1	39.37 -0/+2.36	1000 -0/+60
M12RJ454D-2	78.74 -0/+2.36	2000 -0/+60
M12RJ454D-3	118.11 -0/+2.36	3000 -0/+60
M12RJ454D-5	196.85 -0/+5.91	5000 -0/+150

NOTE:

1. WATERPROOF RATING: IP68 (P1 ONLY)
2. MOLDED HOOD/BOOT: POLYURETHANE, BLACK
3. SCREW NUT: ZINC ALLOY, NICKEL PLATED
4. PINS/CONTACTS: COPPER ALLOY, GOLD PLATED
5. CABLE ASSEMBLIES INDIVIDUALLY PACKAGED IN A POLYBAG PER L-COM SPECIFICATION PS-0031.
6. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
7. CABLE ASSEMBLIES TO BE TESTED FOR CONTINUITY.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]
OVERALL CABLE LENGTH TOLERANCE:
≤12 [305] = +1 [25] / -0
>12 [305] ≤60 [1524] = +2 [51] / -0
>60 [1524] ≤120 [3048] = +4 [102] / -0
>120 [3048] ≤300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0
ALL OTHER DIMENSIONAL TOLERANCES:
.X = ± .2 [5] | .XX = ± .02 [.5] | .XXX = ± .005 [.13]
FRACTIONS ± 1/32
ANGLES ± 1°
THIRD-ANGLE PROJECTION

APPROVALS	DATE
DRAWN BY D. PARHAM	01/21/2010
CHECKED BY D. CASTRO	01/25/2010
APPROVED BY P. McNEIL	01/25/2010

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY
COLOR VARIATIONS MAY OCCUR

L-com an INFINITE brand
50 High Street, West Mill,
North Andover, MA 01845 USA.
Phone: 1.800.341.5266
1.978.682.6936

CATEGORY
TELECOM/MODULAR

PRODUCT DESCRIPTION
CA M12 TO RJ45 4 POS D-CODED

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	M12RJ454D	E

SCALE: NONE | CAD FILE: M12RJ454D.SLDDRW | SHEET 1 OF 1

T-Rev.D