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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	8/9/10	D.GRIFFIN
B	ECN6552: ADDED CHANNEL RATING NOTE	2/14/13	D. DESJARDIN
C	ECN 7667: REMOVE CHANNEL RATING NOTE AND ALL LENGTHS OVER 30 FT	11/11/14	D.FRISIELLO

L-COM LOGO
ONE SIDE

RIGHT ANGLE MOLDED BOOT
PVC, COLOR: BLACK

L-COM LOGO
BOTH SIDES

POSITION 1

1.4
[34]

FOUR UNSHIELDED TWISTED PAIRS, CATEGORY 5E
24 AWG STRANDED COPPER
PVC JACKET SEE SHEET 2 FOR COLOR

MOLDED SNAGLESS BOOT
PVC, COLOR: BLACK

P1
RJ45 MODULAR
UNSHIELDED PLUG
GOLD PLATED CONTACTS
(8P8C)

P2
RJ45 MODULAR
UNSHIELDED PLUG
GOLD PLATED CONTACTS
(8P8C)

POSITION 1

LENGTH
SEE SHEET 2

WIRING MAP

P1		P2
1	↔	1 WHT/ORN
2	↔	2 ORN
3	↔	3 WHT/GRN
6	↔	6 GRN
5	↔	5 WHT/BLU
4	↔	4 BLU
7	↔	7 WHT/BRN
8	↔	8 BRN



NOTES:

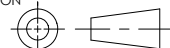
1. PLUG CONFORMS TO TIA-1096
2. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:
CE2011/65/EU(RoHS DIRECTIVE)

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 [5.08]
.XX = ±.02 [1.27]
.XXX = ±.005 [0.127]

PROJECTION



APPROVALS	DATE
DRAWN BY D. PARHAM	04/15/2010
CHECKED BY D. CASTRO	04/29/2010
APPROVED BY P. McNEIL	04/29/2010

CONFIGURATION DETAILS OF
UNDIMENSIONED FEATURES
MAY VARY

COLOR VARIATIONS
MAY OCCUR

		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845
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CATEGORY	TELECOM/MODULAR
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PRODUCT DESCRIPTION	C5E PVC UTP STR-UP
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SIZE A	FSCM NO. 43321	DWG. NO. TRD815RA2	REV. C
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SCALE: NONE	CAD FILE: TRD815RA2.SLDDRW	SHEET 1 OF 2
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8 7 6 5 4 3 2 1

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PART NUMBER	COLOR	LENGTH FEET [METERS]	PART NUMBER	COLOR	LENGTH FEET [METERS]	PART NUMBER	COLOR	LENGTH FEET [METERS]	PART NUMBER	COLOR	LENGTH FEET [METERS]
TRD815RA2BLK-1	BLACK	1.0 [0.30]	TRD815RA2RD-1	RED	1.0 [0.30]	TRD815RA2GRY-1	GRAY	1.0 [0.30]	TRD815RA2Y-1	YELLOW	1.0 [0.30]
TRD815RA2BLK-2	BLACK	2.0 [0.61]	TRD815RA2RD-2	RED	2.0 [0.61]	TRD815RA2GRY-2	GRAY	2.0 [0.61]	TRD815RA2Y-2	YELLOW	2.0 [0.61]
TRD815RA2BLK-3	BLACK	3.0 [0.91]	TRD815RA2RD-3	RED	3.0 [0.91]	TRD815RA2GRY-3	GRAY	3.0 [0.91]	TRD815RA2Y-3	YELLOW	3.0 [0.91]
TRD815RA2BLK-5	BLACK	5.0 [1.52]	TRD815RA2RD-5	RED	5.0 [1.52]	TRD815RA2GRY-5	GRAY	5.0 [1.52]	TRD815RA2Y-5	YELLOW	5.0 [1.52]
TRD815RA2BLK-7	BLACK	7.0 [2.13]	TRD815RA2RD-7	RED	7.0 [2.13]	TRD815RA2GRY-7	GRAY	7.0 [2.13]	TRD815RA2Y-7	YELLOW	7.0 [2.13]
TRD815RA2BLK-10	BLACK	10.0 [3.05]	TRD815RA2RD-10	RED	10.0 [3.05]	TRD815RA2GRY-10	GRAY	10.0 [3.05]	TRD815RA2Y-10	YELLOW	10.0 [3.05]
TRD815RA2BLK-15	BLACK	15.0 [4.57]	TRD815RA2RD-15	RED	15.0 [4.57]	TRD815RA2GRY-15	GRAY	15.0 [4.57]	TRD815RA2Y-15	YELLOW	15.0 [4.57]
TRD815RA2BLK-20	BLACK	20.0 [6.10]	TRD815RA2RD-20	RED	20.0 [6.10]	TRD815RA2GRY-20	GRAY	20.0 [6.10]	TRD815RA2Y-20	YELLOW	20.0 [6.10]
TRD815RA2BLK-25	BLACK	25.0 [7.62]	TRD815RA2RD-25	RED	25.0 [7.62]	TRD815RA2GRY-25	GRAY	25.0 [7.62]	TRD815RA2Y-25	YELLOW	25.0 [7.62]
TRD815RA2BLK-30	BLACK	30.0 [9.14]	TRD815RA2RD-30	RED	30.0 [9.14]	TRD815RA2GRY-30	GRAY	30.0 [9.14]	TRD815RA2Y-30	YELLOW	30.0 [9.14]
TRD815RA2BL-1	BLUE	1.0 [0.30]	TRD815RA2GR-1	GREEN	1.0 [0.30]	TRD815RA2OR-1	ORANGE	1.0 [0.30]			
TRD815RA2BL-2	BLUE	2.0 [0.61]	TRD815RA2GR-2	GREEN	2.0 [0.61]	TRD815RA2OR-2	ORANGE	2.0 [0.61]			
TRD815RA2BL-3	BLUE	3.0 [0.91]	TRD815RA2GR-3	GREEN	3.0 [0.91]	TRD815RA2OR-3	ORANGE	3.0 [0.91]			
TRD815RA2BL-5	BLUE	5.0 [1.52]	TRD815RA2GR-5	GREEN	5.0 [1.52]	TRD815RA2OR-5	ORANGE	5.0 [1.52]			
TRD815RA2BL-7	BLUE	7.0 [2.13]	TRD815RA2GR-7	GREEN	7.0 [2.13]	TRD815RA2OR-7	ORANGE	7.0 [2.13]			
TRD815RA2BL-10	BLUE	10.0 [3.05]	TRD815RA2GR-10	GREEN	10.0 [3.05]	TRD815RA2OR-10	ORANGE	10.0 [3.05]			
TRD815RA2BL-15	BLUE	15.0 [4.57]	TRD815RA2GR-15	GREEN	15.0 [4.57]	TRD815RA2OR-15	ORANGE	15.0 [4.57]			
TRD815RA2BL-20	BLUE	20.0 [6.10]	TRD815RA2GR-20	GREEN	20.0 [6.10]	TRD815RA2OR-20	ORANGE	20.0 [6.10]			
TRD815RA2BL-25	BLUE	25.0 [7.62]	TRD815RA2GR-25	GREEN	25.0 [7.62]	TRD815RA2OR-25	ORANGE	25.0 [7.62]			
TRD815RA2BL-30	BLUE	30.0 [9.14]	TRD815RA2GR-30	GREEN	30.0 [9.14]	TRD815RA2OR-30	ORANGE	30.0 [9.14]			

45 BEECHWOOD DRIVE
NORTH ANDOVER, MA
01845

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TELECOM/MODULAR

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C5E PVC UTP STR-UP

SIZE
A

FSCM NO.
43321

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TRD815RA2

REV.
C

SCALE: NONE | CAD FILE: TRD815RA2.SLDDRW | SHEET 2 OF 2