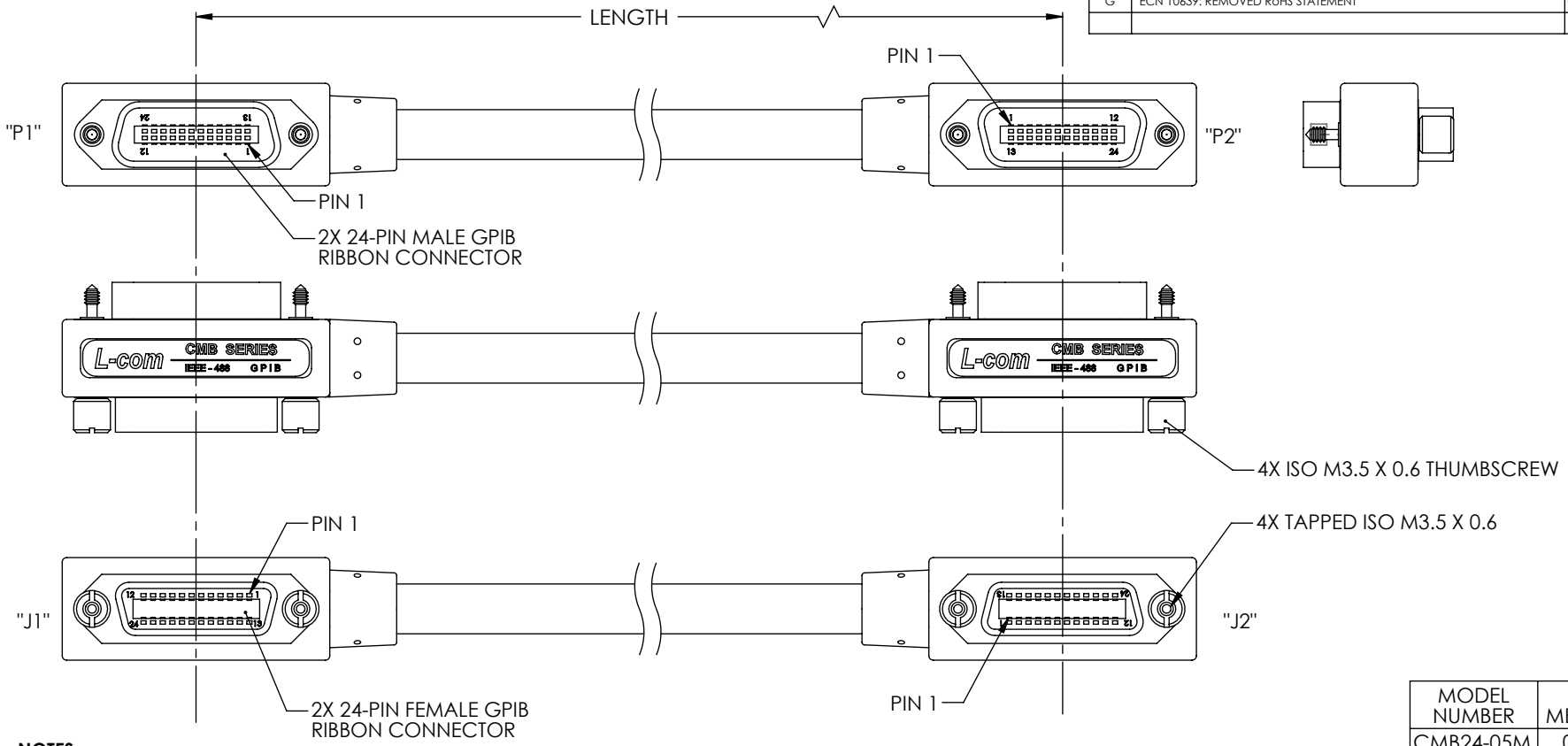
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ECN 7890: UPDATED FORMAT, PACKAGING, ROHS	04/02/2015	D. DESJARDIN
F	ECN 8117: CORRECTED FUNCTION NAMES IN WIRE MAP.	10/01/2015	D. DESJARDIN
G	ECN 10639: REMOVED RoHS STATEMENT	08/20/2020	PNEWTON



MODEL NUMBER	LENGTH METERS [FEET]
CMB24-05M	0.50 [1.64]
CMB24-1M	1.0 [3.28]
CMB24-2M	2.0 [6.56]
CMB24-3M	3.0 [9.84]
CMB24-4M	4.0 [13.12]
CMB24-5M	5.0 [16.40]
CMB24-6M	6.0 [19.68]
CMB24-8M	8.0 [26.24]

NOTES:
MEETS REQUIREMENTS OF ANSI/IEEE STD 488.1-1987.

MATERIALS:
CABLE: U.L. STYLE 2464, TWELVE TWISTED PAIRS 26AWG STRANDED COPPER, OVERALL DOUBLE SHIELD ALUMINIZED POLYESTER FOIL PLUS BRAIDED TINNED COPPER WITH DRAIN WIRE, BEIGE PVC JACKET.

MOLDINGS: POLYVINYLCHLORIDE, BEIGE
CONNECTOR INSULATORS: GLASS-FILLED PBT (BLUE), UL94V-0
CONNECTOR CONTACTS: COPPER ALLOY, 30 MICROINCHES GOLD OVER NICKEL
CONNECTOR SHELL: STAMPED STEEL OR DIE-CAST ALLOY, NICKEL PLATED
THUMBSCREWS: ISO M3.5 X.0.6, STEEL, BLACK OXIDE FINISH

ENVIRONMENTAL:
OPERATING TEMPERATURE RANGE: -20°C TO + 80°C

MISCELLANEOUS:
SEE SHEET 2 FOR WIRE MAP
CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

G

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 T CLARK	8/23/2001
CHECKED BY D PARHAM	9/5/2001
APPROVED BY R CARRICK	9/10/2001

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY
COLOR VARIATIONS MAY OCCUR
REF

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
IEEE-488

PRODUCT DESCRIPTION
MOLDED IEEE-488 GPIB CABLE ASSEMBLY

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	CMB24	G

SCALE: NONE | CAD FILE: CMB24.SLDDRW | SHEET 1 OF 2

T-Rev.D

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.

WIRING MAP			
PAIR NUMBER	J1/P1	J2/P2	FUNCTON
1	1	1	DATA LINE DI01
	14	14	DATA LINE DI06
2	2	2	DATA LINE DI02
	3	3	DATA LINE DI03
3	4	4	DATA LINE DI04
	13	13	DATA LINE DI05
4	15	15	DATA LINE DI07
	16	16	DATA LINE DI08
5	5	5	EOI
	24	24	EOI RETURN
6	6	6	DAV
	18	18	DAV RETURN
7	7	7	NRFD
	19	19	NRDF RETURN
8	8	8	NDAC
	20	20	NDAC RETURN
9	9	9	IFC
	21	21	IFC RETURN
10	10	10	SRQ
	22	22	SRQ RETURN
11	11	11	ATN
	23	23	ATN RETURN
12	17	17	REN
	24	24	REN RETURN
DRAIN WIRE	12 & SHELL	12 & SHELL	SHIELD

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
IEEE-488

PRODUCT DESCRIPTION
MOLDED IEEE-488 GPIB CABLE ASSEMBLY

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	CMB24	G

SCALE: NONE | CAD FILE: CMB24.SLDDRW | SHEET 2 OF 2