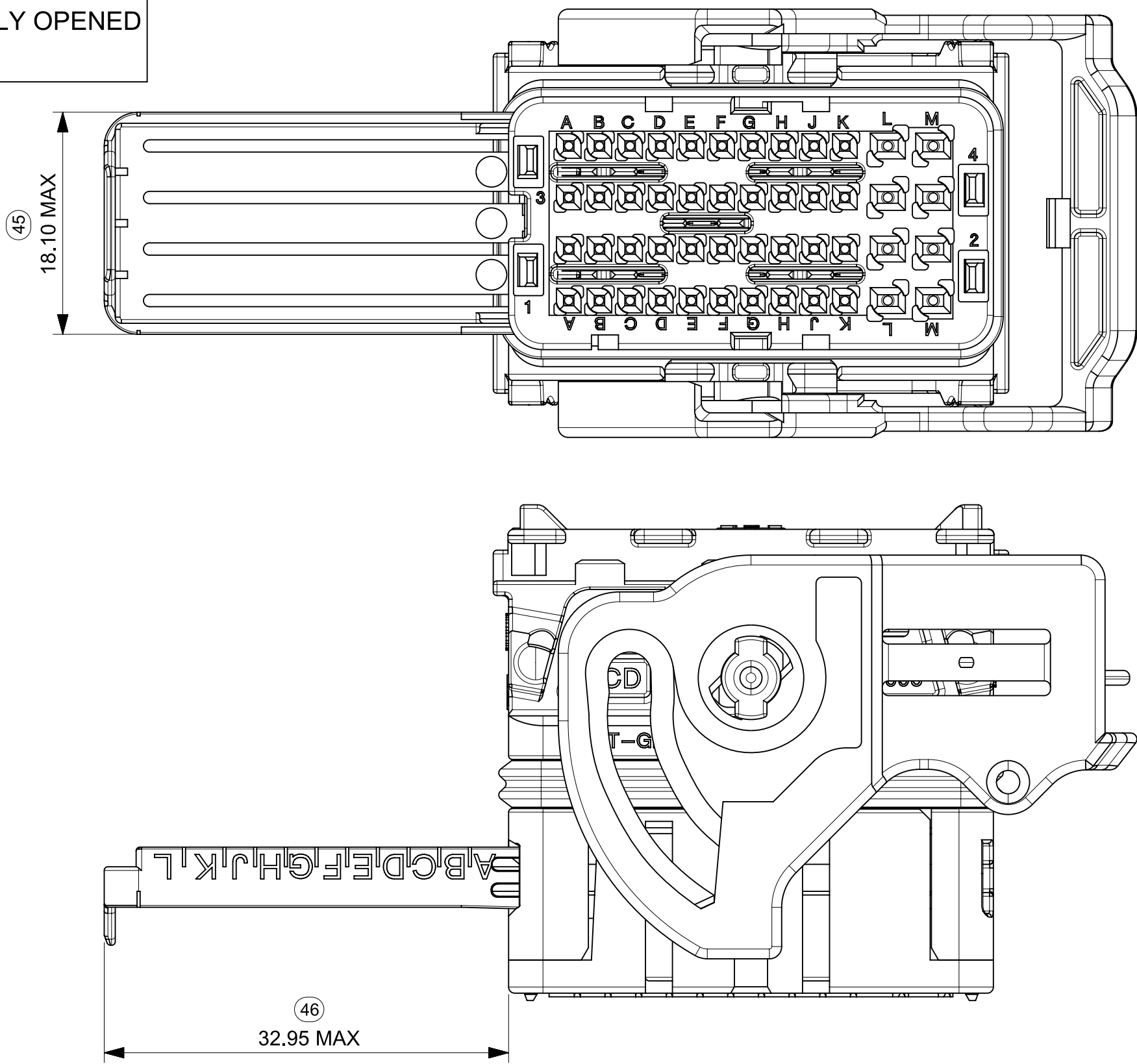


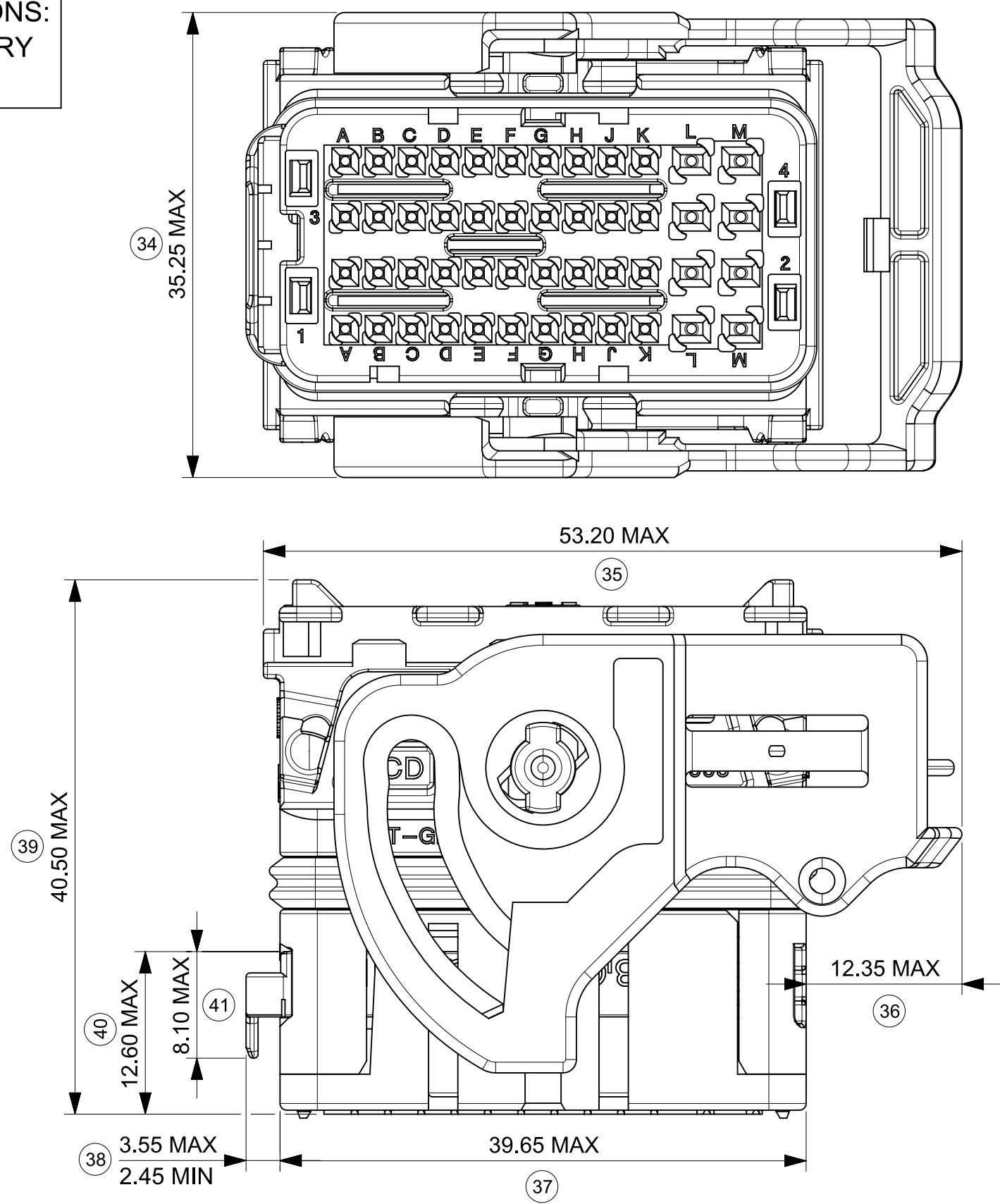
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

RIGHT WIRE OUTPUT

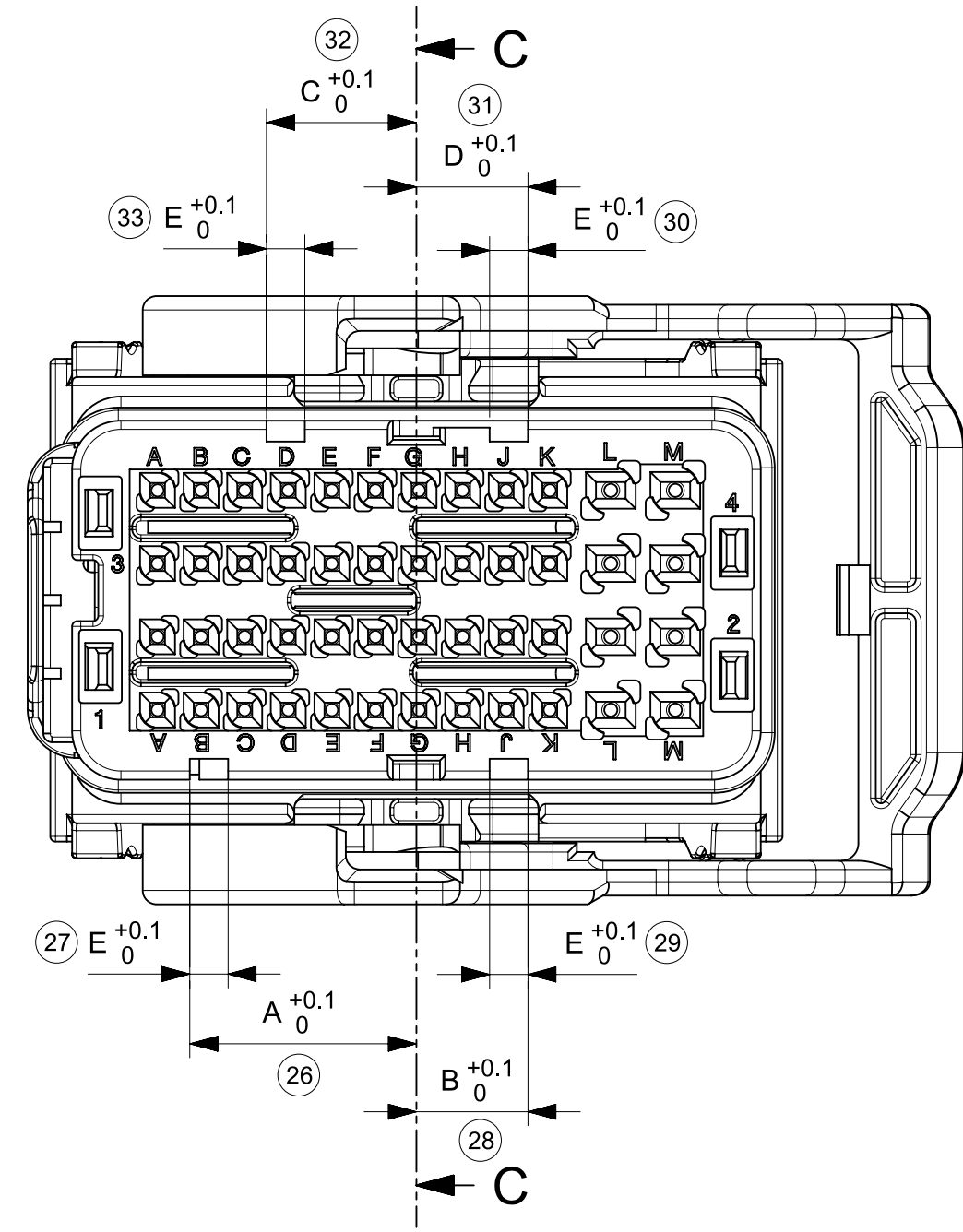


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

RIGHT WIRE OUTPUT

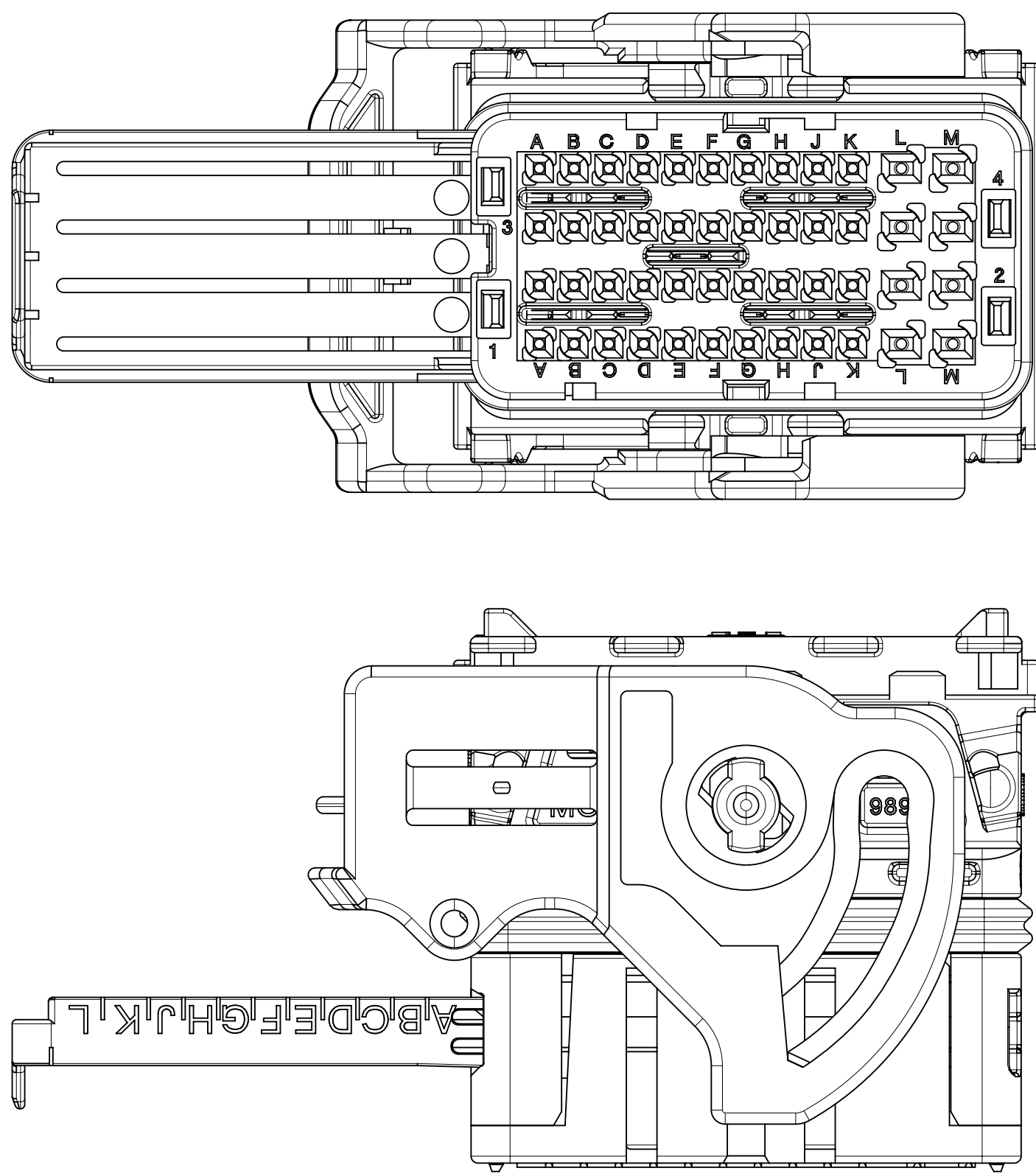


CODING POSITION



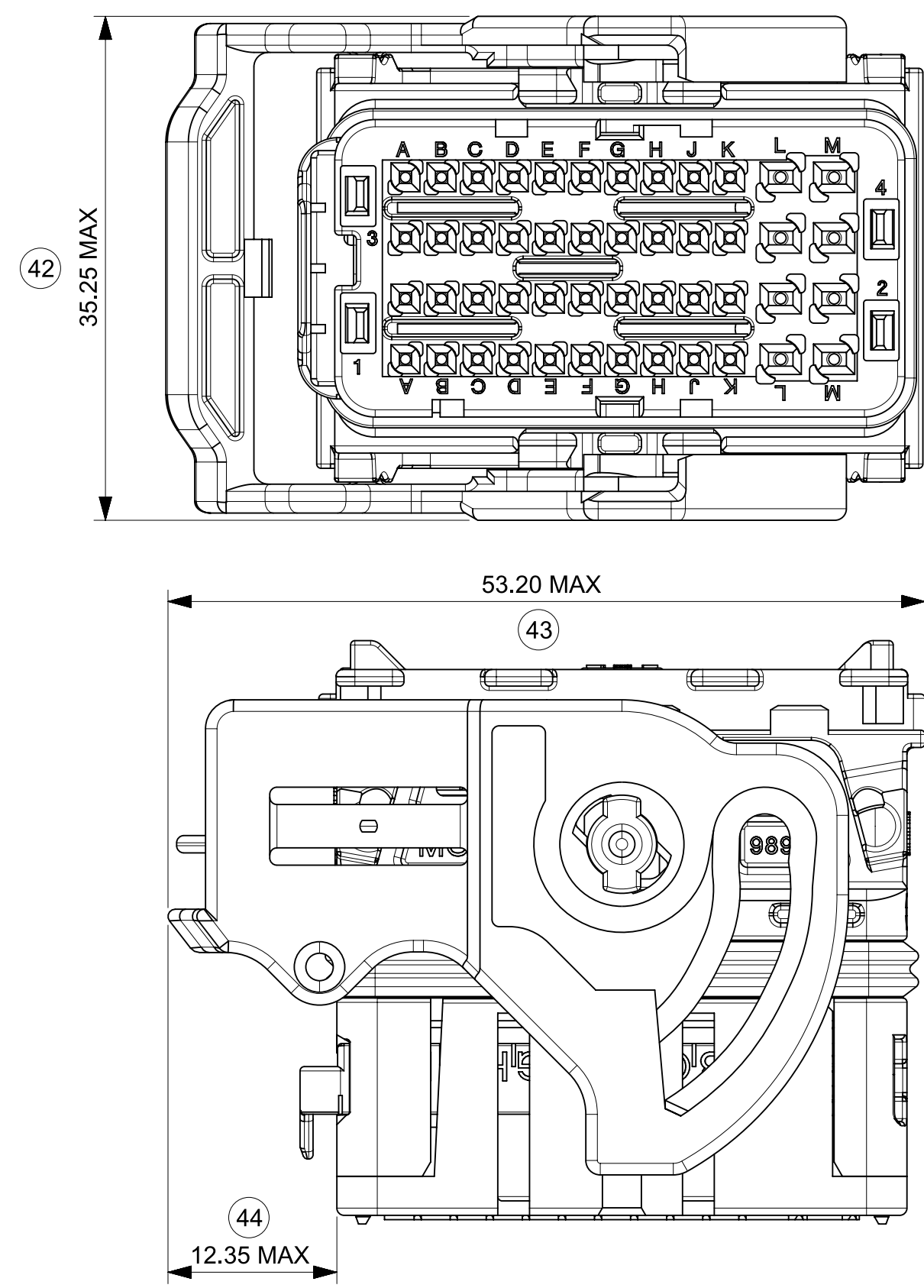
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

LEFT WIRE OUTPUT

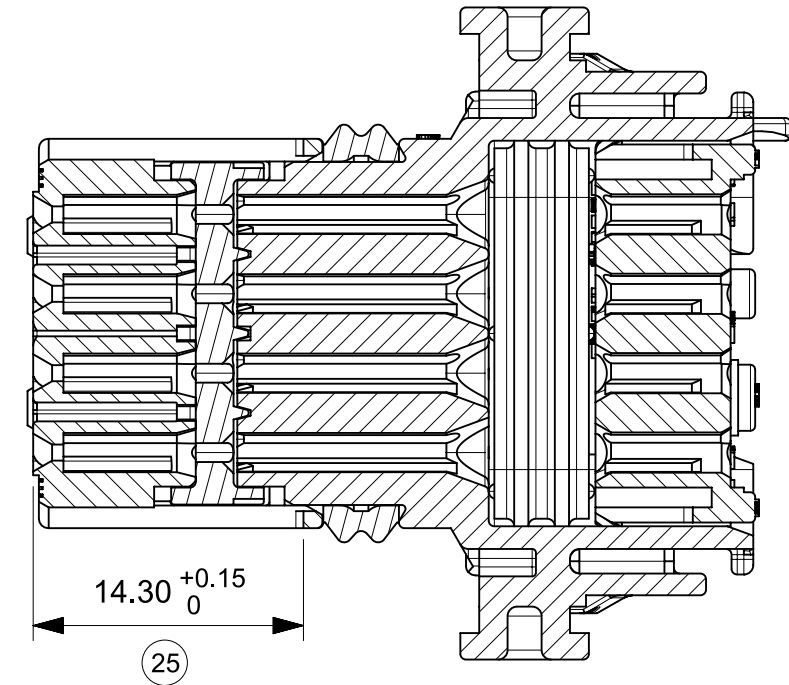


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

LEFT WIRE OUTPUT



SECTION C-C
WITHOUT LOCKING LEVER



COLOR	CODING	A	B	C	D	E
BLACK	1	13	6.4	8.6	6.4	2.2
GREY	2	10.8	8.6	13	8.6	2.2
BROWN	3	8.6	10.8	13	13	2.2
GREEN	4	10.8	13	6.4	6.4	2.2

TERMINALS USED

CAVITY N°	FEMALE TERMINALS (Section mm2)	PLATING	MOLEX P/N	min / MAX WIRE INSULATION DIAMETER (mm)
A1 to A4 B1 to B4 C1 to C4 D1 to D4 E1 to E4 F1 to F4 G1 to G4 H1 to H4 J1 to J4 K1 to K4	CP 0.6 0.35mm2	Tin plated	0643221019	Ø1.25 min / Ø1.40 Max
		Gold plated	0643221229	
	CP 0.6 0.5mm2	Tin plated	0643221039	Ø1.40 min / Ø1.70 Max
		Gold plated	0643221239	
	CP 0.6 0.75mm2	Tin plated	0643221029	Ø1.60 min / Ø1.90 Max
		Gold plated	0643221219	
L1 to L4 M1 to M4	CP 1.5 0.5mm2 to 1mm2	Tin plated	0643231029	Ø1.40 min / Ø2.15 Max
		Gold plated	0643231319	
	CP 1.5 >1mm2 to 2mm2	Tin plated	0643231039	Ø2.10 min / Ø2.80 Max
		Gold plated	0643231219	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS
MM

SCALE
2.5:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 2°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.100

1 PLACE ± 0.10

0 PLACES ±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC: Removed the marking "M" on the ISL.

STATUS: Production
DRWN: Mahesh KP
CHK'D: Prashant Manjunath Achari
APPR: SANDEEP S SIMHAN

2024-11-06
2024-12-06
2024-12-06

FIRST ANGLE PROJECTION

DRAWING
A1-SIZE

SERIES
64320

molex

CMC CONNECTOR 48 WAY
MAT SEAL VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
SD-64320-001

DOC TYPE
PSD

DOC PART
001

REVISION
H3

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL MARKET

SHEET NUMBER
2 OF 2