

87654321

TABLE 1: WITH LOSSY OPTION

PART NUMBER	DESCRIPTION	A	B	C	N
IC13416011	RECEPTACLE ASSEMBLY, 12 POSITION, REGULAR, LOSSY	19.21	16.21	7.20	12
IC13416013	RECEPTACLE ASSEMBLY, 12 POSITION, SHORT, LOSSY	15.85	13.63	7.20	12
IC13416021	RECEPTACLE ASSEMBLY, 20 POSITION, REGULAR, LOSSY	23.41	26.41	14.40	20
IC13416023	RECEPTACLE ASSEMBLY, 20 POSITION, SHORT, LOSSY	20.83	23.12	14.40	20
IC13416041	RECEPTACLE ASSEMBLY, 40 POSITION, REGULAR, LOSSY	41.41	44.41	32.40	40
IC13416043	RECEPTACLE ASSEMBLY, 40 POSITION, SHORT, LOSSY	38.83	41.12	32.40	40
IC13416061	RECEPTACLE ASSEMBLY, 60 POSITION, REGULAR, LOSSY	59.41	62.41	50.40	60
IC13416063	RECEPTACLE ASSEMBLY, 60 POSITION, SHORT, LOSSY	56.83	59.12	50.40	60
IC13416081	RECEPTACLE ASSEMBLY, 80 POSITION, REGULAR, LOSSY	77.41	80.41	68.40	80
IC13416083	RECEPTACLE ASSEMBLY, 80 POSITION, SHORT, LOSSY	74.83	77.12	68.40	80

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TABLE 2: WITHOUT LOSSY OPTION

PART NUMBER	DESCRIPTION	A	B	C	N
IC13416012	RECEPTACLE ASSEMBLY, 12 POSITION, REGULAR, NO LOSSY	19.21	16.21	7.20	12
IC13416014	RECEPTACLE ASSEMBLY, 12 POSITION, SHORT, NO LOSSY	15.85	13.63	7.20	12
IC13416022	RECEPTACLE ASSEMBLY, 20 POSITION, REGULAR, NO LOSSY	23.41	26.41	14.40	20
IC13416024	RECEPTACLE ASSEMBLY, 20 POSITION, SHORT, NO LOSSY	20.83	23.12	14.40	20
IC13416042	RECEPTACLE ASSEMBLY, 40 POSITION, REGULAR, NO LOSSY	41.41	44.41	32.40	40
IC13416044	RECEPTACLE ASSEMBLY, 40 POSITION, SHORT, NO LOSSY	38.83	41.12	32.40	40
IC13416062	RECEPTACLE ASSEMBLY, 60 POSITION, REGULAR, NO LOSSY	59.41	62.41	50.40	60
IC13416064	RECEPTACLE ASSEMBLY, 60 POSITION, SHORT, NO LOSSY	56.83	59.12	50.40	60
IC13416082	RECEPTACLE ASSEMBLY, 80 POSITION, REGULAR, NO LOSSY	77.41	80.41	68.40	80
IC13416084	RECEPTACLE ASSEMBLY, 80 POSITION, SHORT, NO LOSSY	74.83	77.12	68.40	80

REVISION HISTORY

ZONE	ECN#	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
SH2	EC-13407	D	ADDED CLIP WIDTH DIMENSION	02/03/2020	M.CHARETH	D.McNAMARA

IC13416-0X X

POSITION

1 = 12
2 = 20
4 = 40
6 = 60
8 = 80

ASSEMBLY TYPE

1 = REGULAR (WITH GUIDE PINS) & IOSSY
2 = REGULAR (WITH GUIDE PINS) & NO LOSSY
3 = SHORT (WITHOUT GUIDE PINS) & LOSSY
4 = SHORT (WITHOUT GUIDE PINS) & NO LOSSY

NOTES:

1. MATERIAL

HOUSING: HIGH TEMPERATURE LCP, COLOR: BLACK
CONTACT: COPPER ALLOY, THICKNESS: 0.12mm
CONTACT PLATING: UNDERPLATE WITH NICKEL, THICKNESS: 1.27 MICROMETER
HARD GOLD IN MATING AREA, THICKNESS: 0.76 MICROMETER
PURE MATTE TIN ON CONTACT TAIL, THICKNESS, 2.54 TO 7.62mm MICROMETER

2. PLEASE REFER TO PRODUCT SPECIFICATION FOR MECHANICAL AND ELECTRICAL SPECIFICATION.

3. DATUM B IS DEFINED AS THE PLANE INTERSECTING THE
Ø 1.10MM POST AND PARALLEL TO DATUM A

4. DATUM C IS DEFINED AS THE PLANE INTERSECTING
THE Ø 1.10MM POST AND PERPENDICULAR TO DATUM B.

5. THIS DIMENSION IS MEASURED (FOR EACH SOLDER LEAD) AS
THE DEVIATION FROM A BEST-FIT PLANE CREATED FROM THE
SURFACES REFERENCED AT THE ENDS OF THE PART.

6. THIS DIMENSION IS MEASURED (FOR EACH SOLDER LEAD)
AS THE DEVIATION FROM A BEST-FIT PLANE CREATED
FROM ALL THE SOLDER LEADS.

7. THE RETENTION CLIP IS TO PROVIDE SUPPORT FOR THE CONNECTOR BEFORE AND
DURING REFLOW

REGULAR RECEPTACLE ASSEMBLY
SCALE 4/1

SHORT RECEPTACLE ASSEMBLY
SCALE 4/1

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSIONS & TOLERANCES ARE
MILLIMETERS
DIMENSIONING PER ASME Y14.5M-2009
TOLERANCES UNLESS SPECIFIED

0.0 = ± 0.15
0.00 = ± 0.05
0.000 = ± 0.010
ANGLES = ± 1°

(INSPECTION DIMENSION
(REFERENCE DIMENSION)
THIRD ANGLE PROJECTION

APPROVALS

DATE

DRAWN BY: HCL-PV 11/15/2018

CHKD BY: M.CHARETH 11/15/2018

DESIGNED BY: D.McNAMARA 09/21/2018

PROCESS ENGINEERING: M.CHARETH 11/15/2018

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AMPHENOL INTERCON SYSTEMS INC.
825 OLD TRAIL RD, SUITE A
ETTERS, PA 17319
(717) 915-1400

TITLE:
LYNX QD RECEPTACLE ASSEMBLY
RIGHT ANGLE

SIZE: D

DRAWING NO.: 13416C

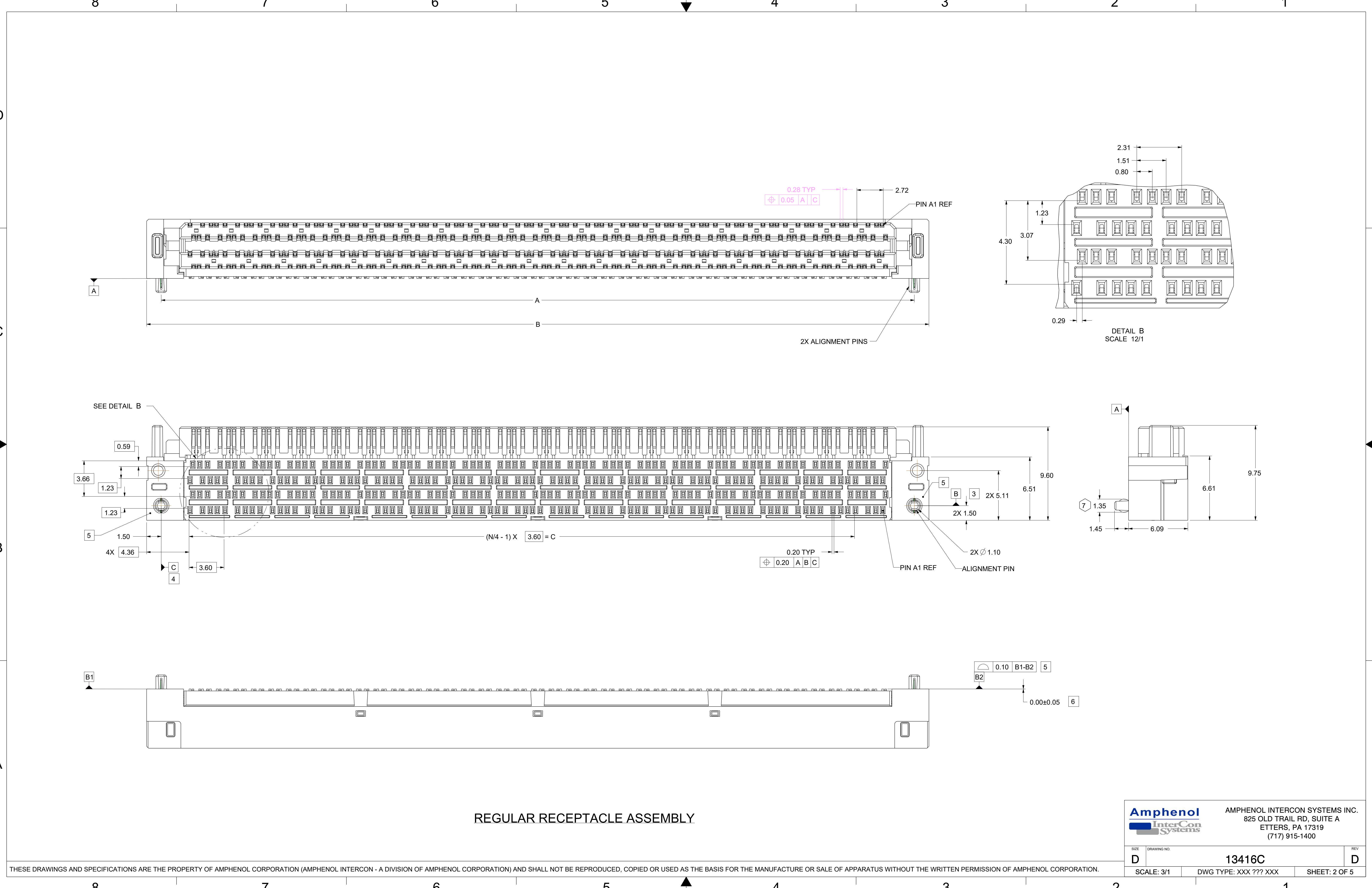
REV: D

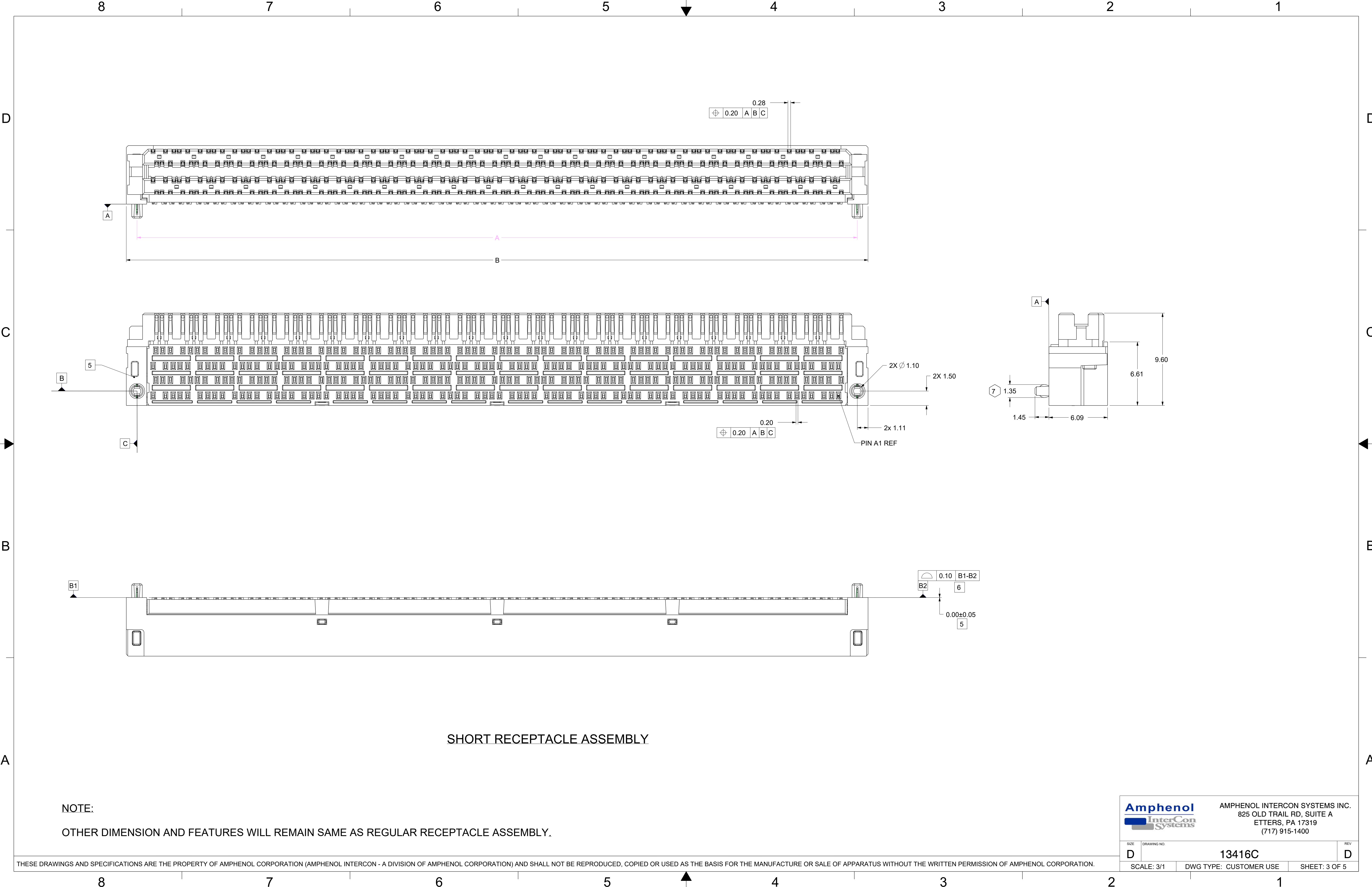
SCALE: 3/1

DWG TYPE: CUSTOMER USE

SHEET: 1 OF 5

RoHS COMPLIANT EU 2002 95 EC



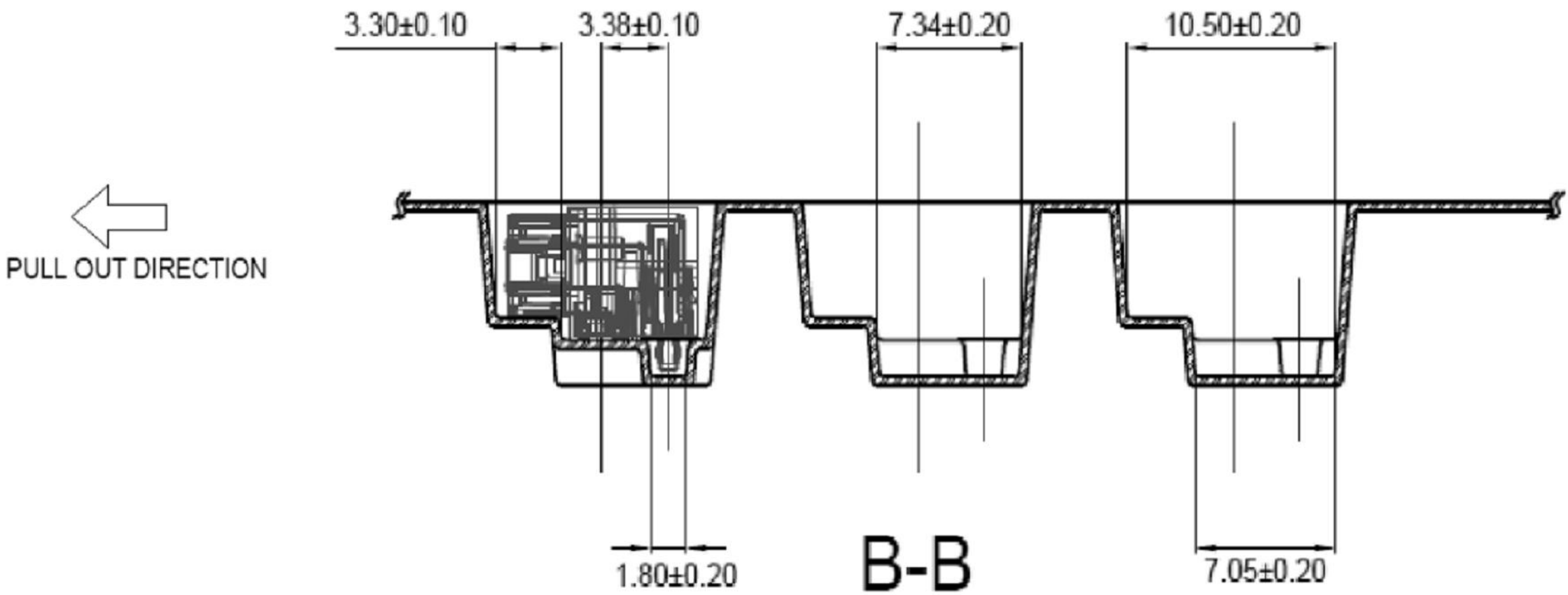
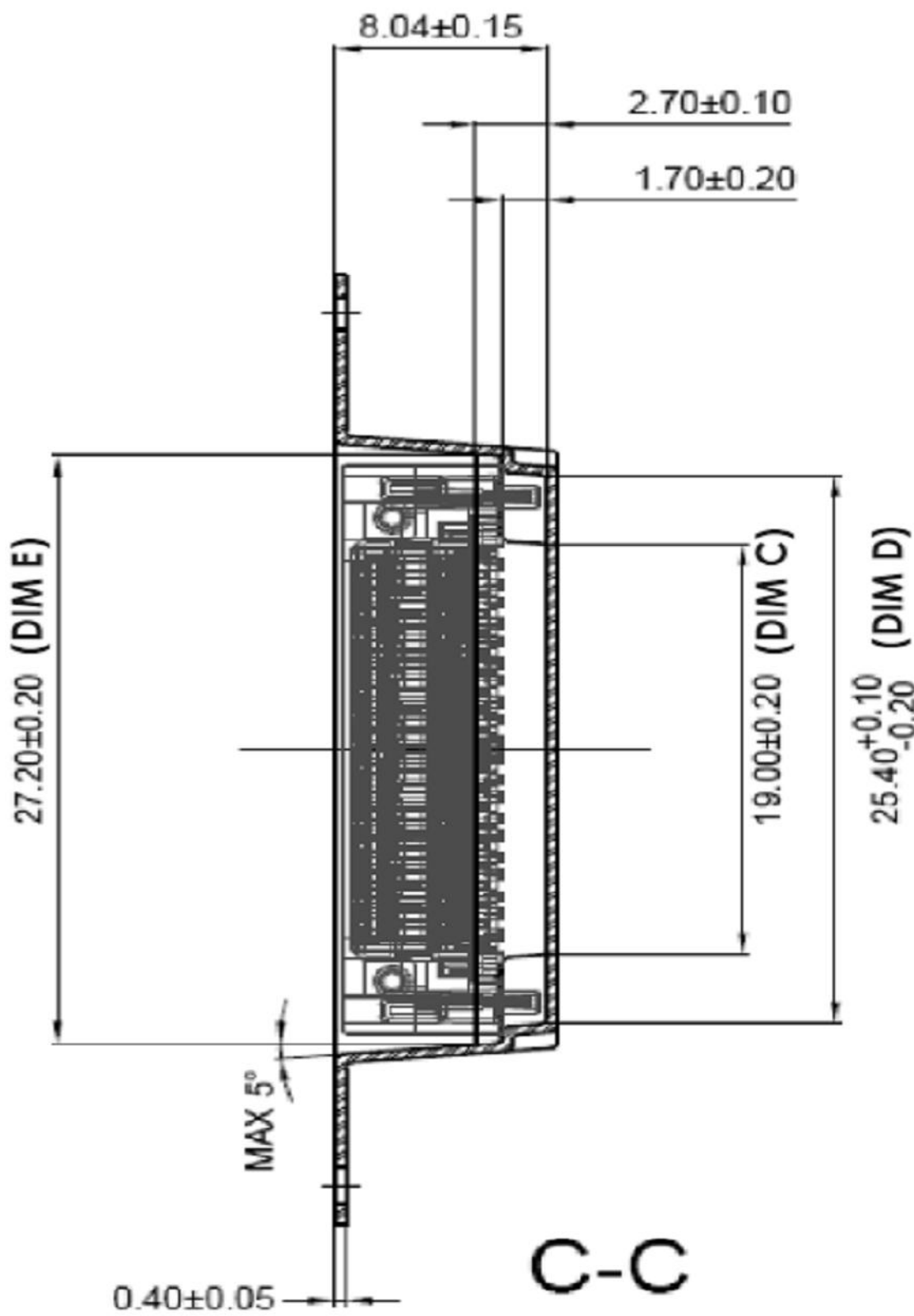
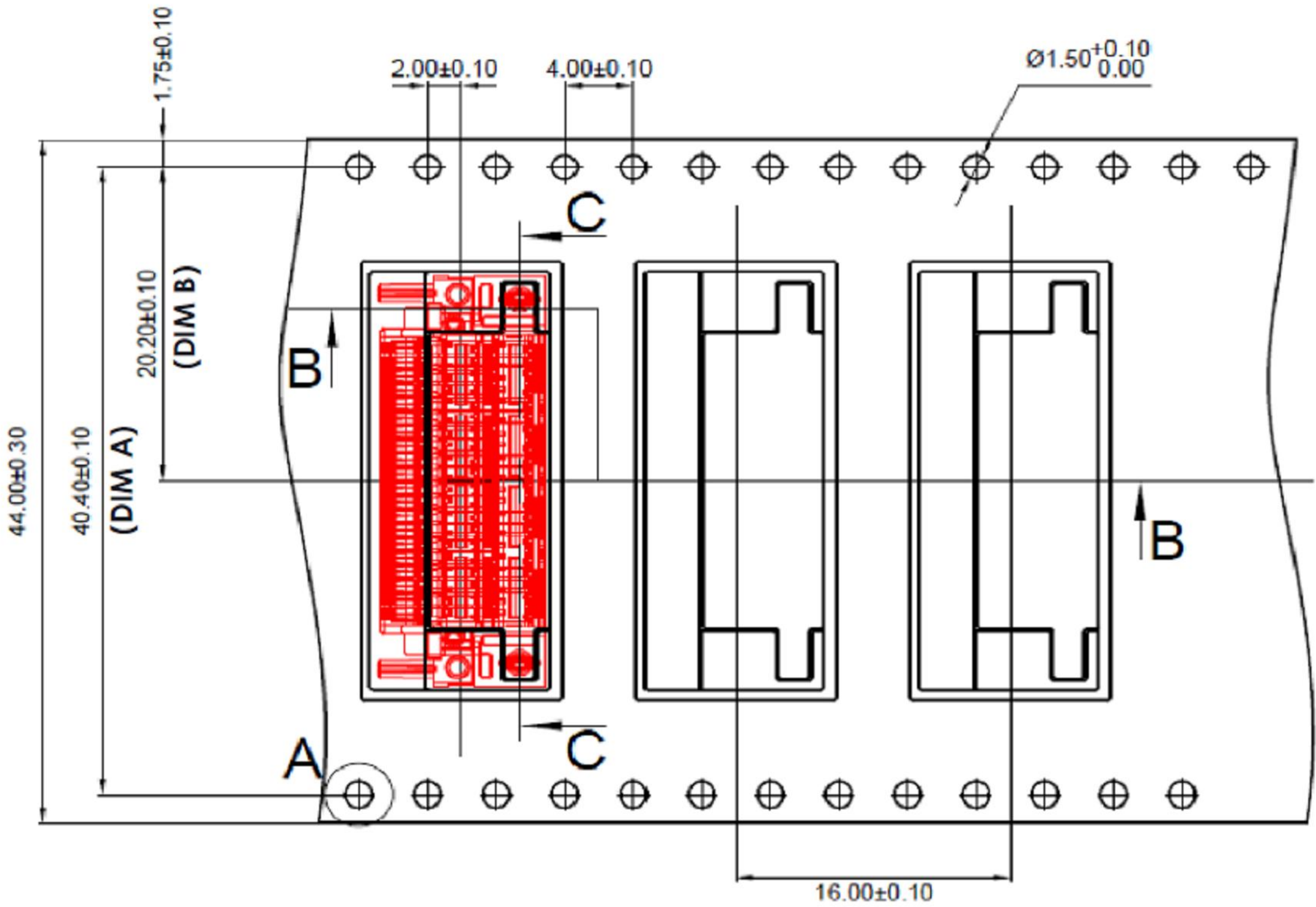


SHORT RECEPTACLE ASSEMBLY

NOTE:
OTHER DIMENSION AND FEATURES WILL REMAIN SAME AS REGULAR RECEPTACLE ASSEMBLY.

TABLE 5: TAPE AND REEL DIMENSION TABLE							
POSITION	TAPE WIDTH	CONNECTORS PER REEL	DIM A	DIM B	DIM C	DIM D	DIM E
12	32	650	28.40	14.20	12.40	18.50	19.85
12 - SHORT	32	650	28.40	14.20	12.40	15.90	16.30
20	44	650	40.40	20.20	19.00	25.40	27.20
20 - SHORT	44	650	40.40	20.20	19.00	22.82	23.84
40	72	650	68.40	34.20	37.00	43.40	45.20
40 - SHORT	72	650	68.40	34.20	37.00	40.82	41.84
60	88	350	84.40	42.20	55.00	61.40	63.20
60 - SHORT	88	350	84.40	42.20	55.00	58.82	59.84
80	104	350	100.40	50.20	73.00	79.40	81.20
80 - SHORT	104	350	100.40	50.20	73.00	76.82	77.84

RA RECEPTACLE CARRIER TAPE FOR 20 POSITION IS SHOWN FOR REFERENCE



Mouser Electronics

Authorized Distributor

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