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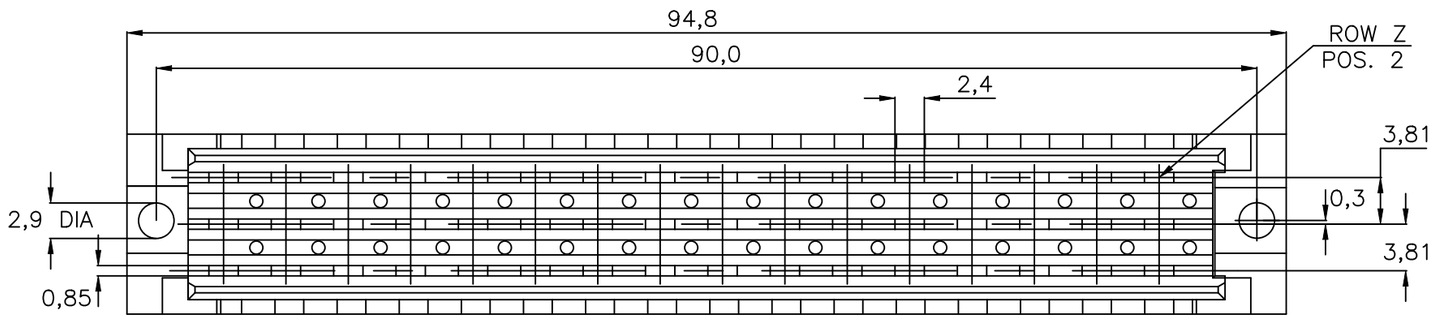
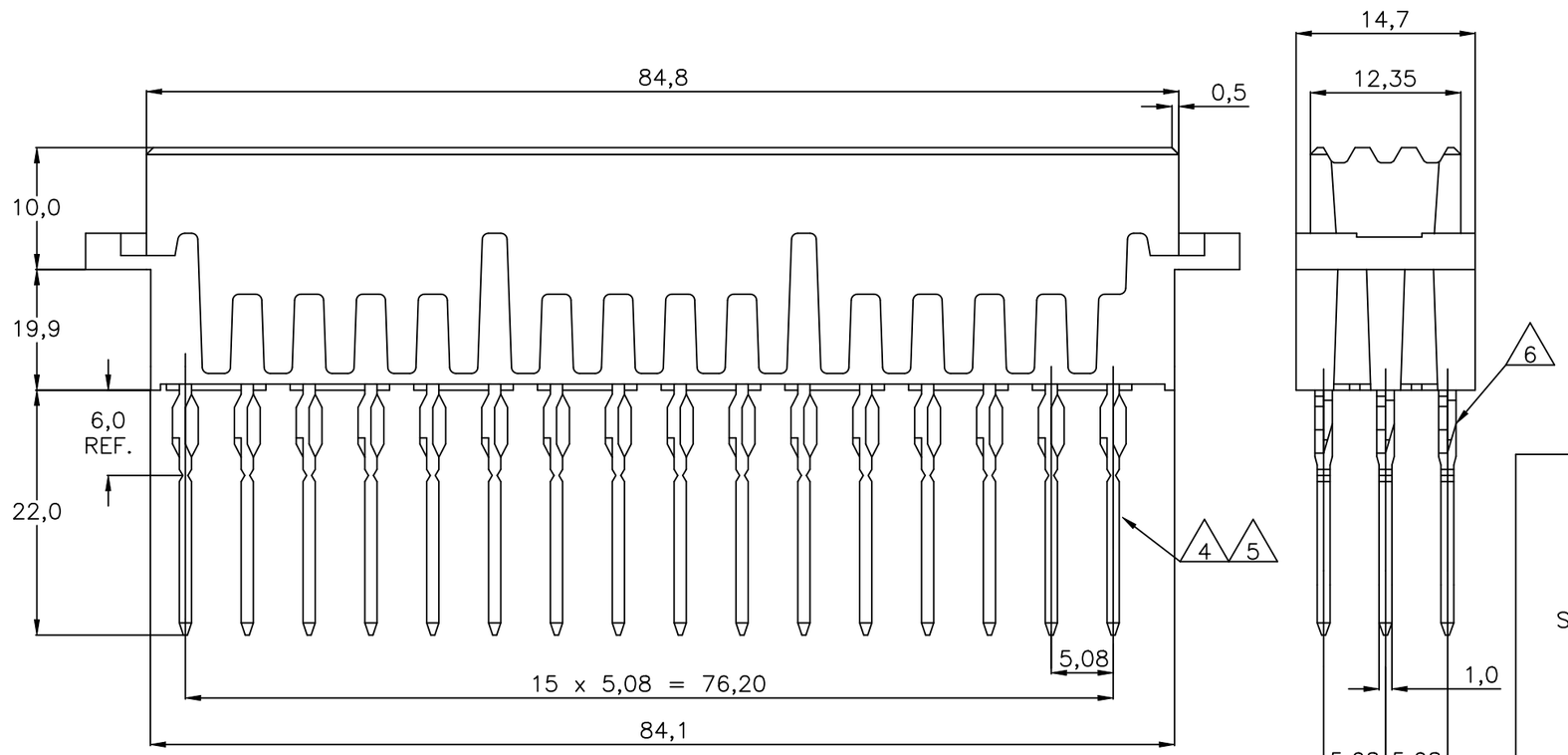
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	REVISED PER ECR–25–265528	16DEC2025	MK	AK





NOTES:

1. MATERIAL:
   –HOUSING: THERMOPL.POLYESTER 94V0. COLOUR : GREY
   –CONTACTS: PHOSPHORBRONZE
2. MATERIAL: (ONLY FOR 9–166648–1).
   –HOUSING: THERMOPL.POLYESTER 94HB. COLOUR : GREY
   –CONTACTS: PHOSPHORBRONZE
3. PLATING CONTACT :
   –1 : MEETS CLASS I PERFORMANCE
   –4 : MEETS CLASS II PERFORMANCE
   (J)
4. EXTENDED ENDS OF POSTS MUST BE BROKEN OFF AFTER INSERTION CONNECTOR IN P.C.B.
5. EXTENDED ENDS OF POSTS ALREADY BROKEN OFF. (FOR 2–166648–4 AND 2–166648–1).

ROW z	b	d
POS		
32	X	X
30	X	X
28	X	X
26	X	X
24	X	X
22	X	X
20	X	X
18	X	X
16	X	X
14	X	X
12	X	X
10	X	X
8	X	X
6	X	X
4	X	X
2	X	X

NOTES:

6. AN ASTERISK ,,X'' DENOTES A CONTACT.
   FOR P.C.B.–THICKNESS 2,4–3,2.

P.C.B. HOLE DIM. ACTION PIN	
DRILLED HOLE	: 1,75 +/– 0,025 mm
FIN. HOLE	:1,54 to 1,69 mm
AFTER REFLOW	: 1,51 to 1,69 mm
Cu–thks	: 0,025 to 0,075 mm
SN–thks	:0,004 to 0,010 mm

FINISH	MATERIAL	PARTNUMBER
SEE NOTE 3	SEE NOTE 2	OBS ~~9–166648–1~~
		2–166648–4
	SEE NOTE 1	2–166648–1
		OBS ~~166648–8~~
		OBS ~~166648–7~~
		166648–4
		OBS ~~166648–1~~

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –

FINISH –

DWN J.V.GRUNSVEN 26JUN86
CHK J. GIBBELS –
APVD – –
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT 0.000000

TE Connectivity

NAME 3 x 16 POS. TYPE F FEMALE B.T.B. – ACTION PIN CONNECTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–166648	–

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 1 | REV J