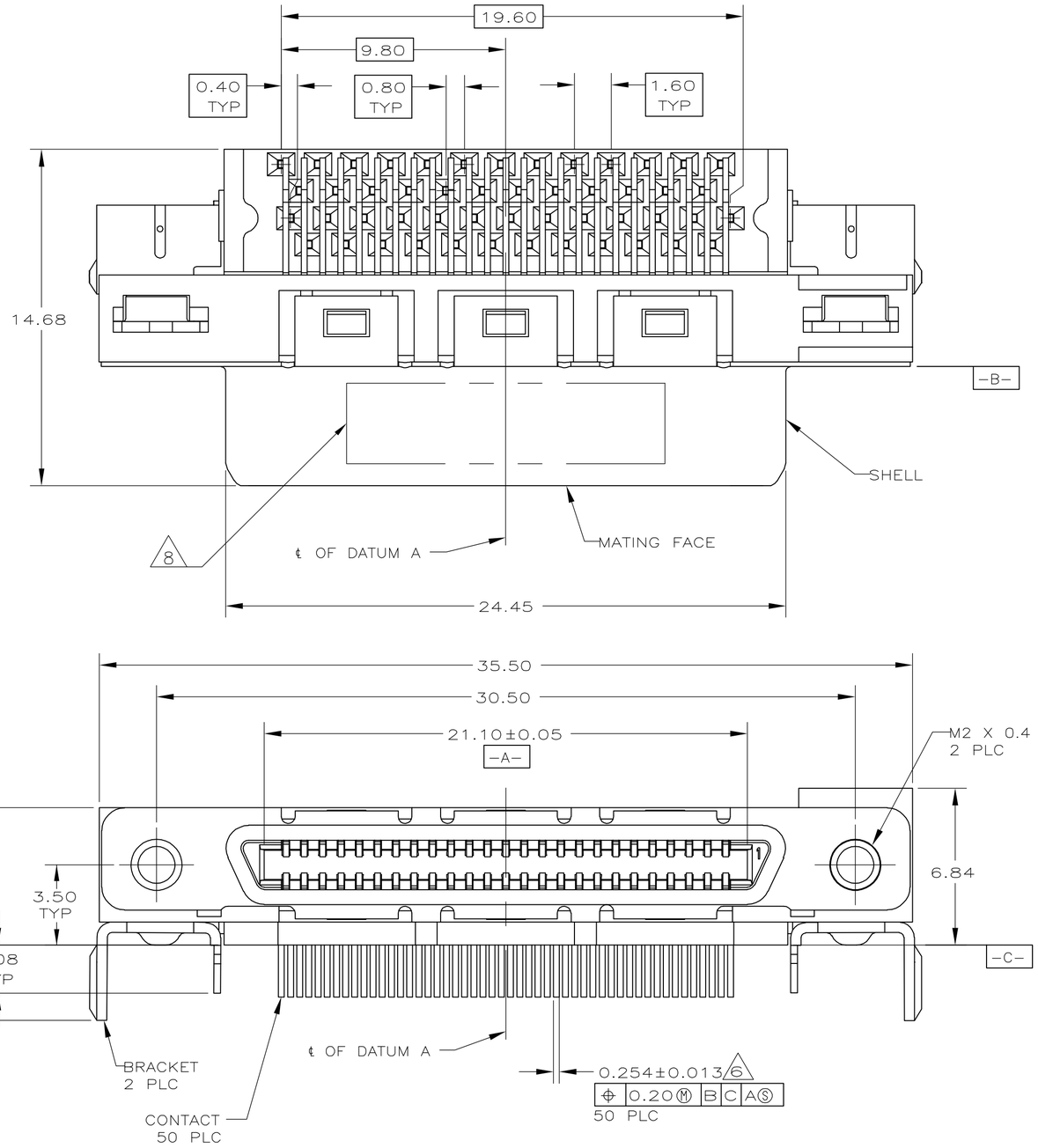
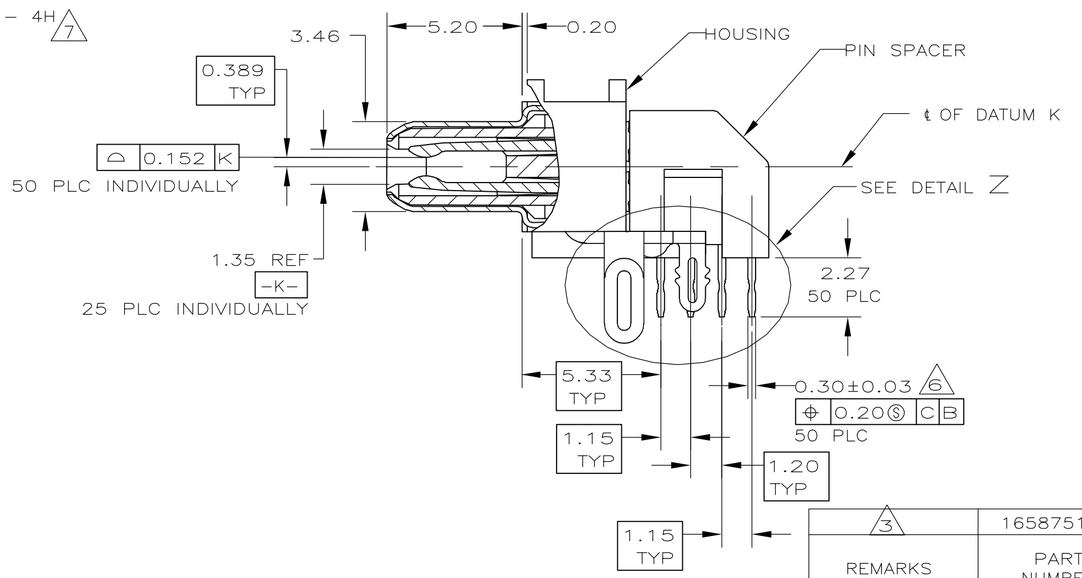
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LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REVISED PER ECO-07-004221	30MAR07	JDP	EDB





1. HOUSING & PIN SPACER: THERMOPLASTIC, BLACK, UL 94V-0 RATED.
   SHELL: CARBON STEEL.
   CONTACTS: PHOSPHOR BRONZE.
   BRACKETS: STEEL.
2. SHELL: 5.08 µm MIN NICKEL OVER 2.54µm MIN COPPER.
   CONTACTS: 0.76µm MIN GOLD ON MATING END, 3.75µm MIN TIN-LEAD ON SOLDER TAILS, BOTH OVER 1.27µm MIN NICKEL ON ENTIRE CONTACT.
   BRACKETS: TIN PLATED.
3. CONTACTS DESIGNED FOR USE ON 1.60±0.15 THICK PC BOARD WITH PLATED THRU MOUNTING HOLES.
4. RECEPTACLE ASSEMBLY DESIGNED FOR USE WITH 1.12±0.08 THICK PANEL.
5. DATUMS AND DIMENSIONS ESTABLISHED BY CUSTOMER.
6. POSITION TOLERANCE APPLIES AT CONTACT TIP ONLY.
7. MAXIMUM TORQUE 0.45 N-M.
8. DATE CODE MARKED IN APPROXIMATE AREA SHOWN.

3	1658751-1
REMARKS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.13
3 PLC ± -
4 PLC ± -
ANGLES ± 1°

MATERIAL 1

FINISH 2

DWN	T.SHUEY	09MAR05
CHK	J.GERACE	09MAR05
APVD	M.WALMSLEY	09MAR05
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
RECEPTACLE ASSEMBLY,
50 POSITION, SHIELDED,
RIGHT ANGLE, CHAMP 0.8mm

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1658751	—

CUSTOMER DRAWING | SCALE 6:1 | SHEET 1 OF 2 | REV F

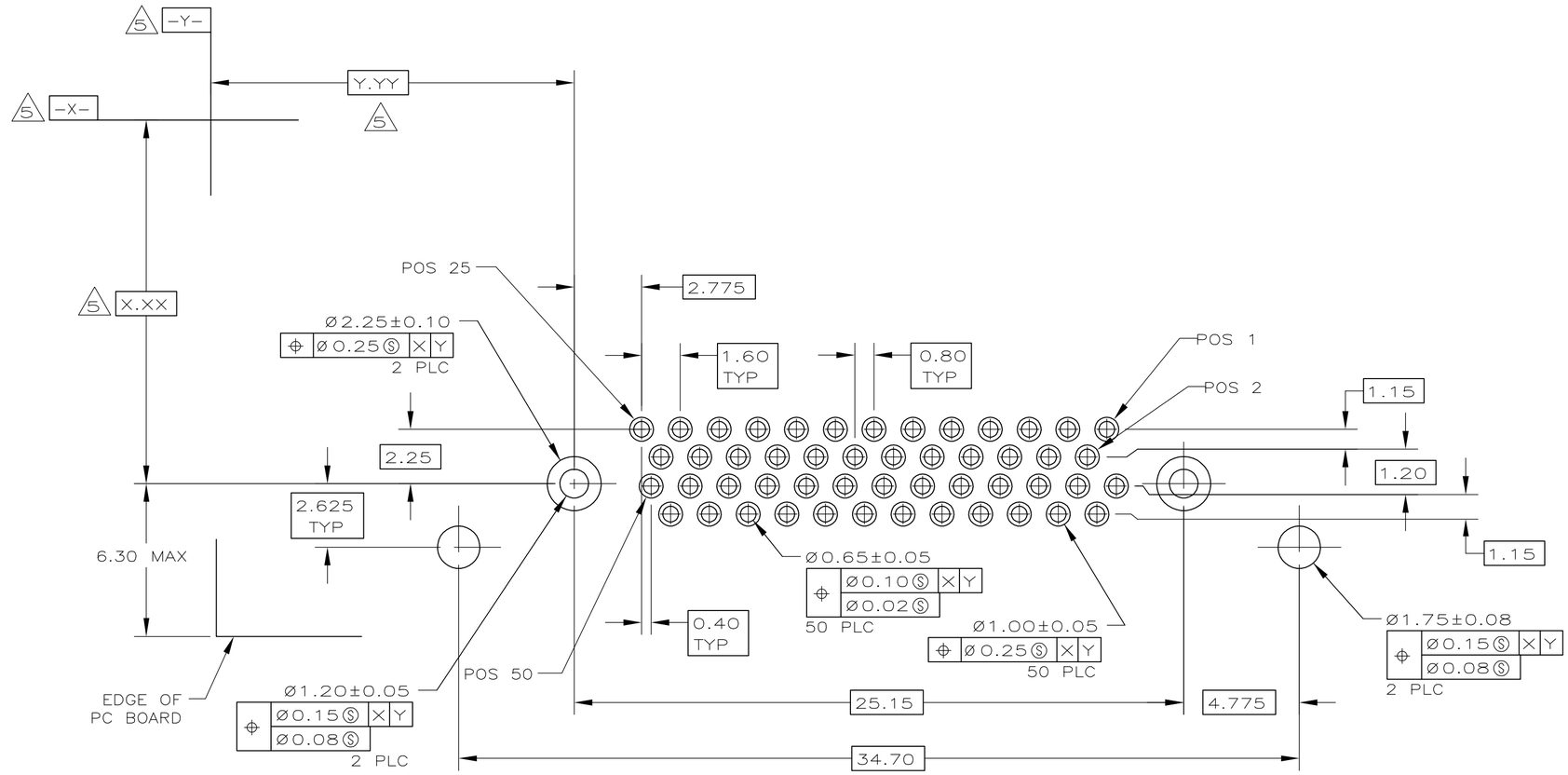
1658751

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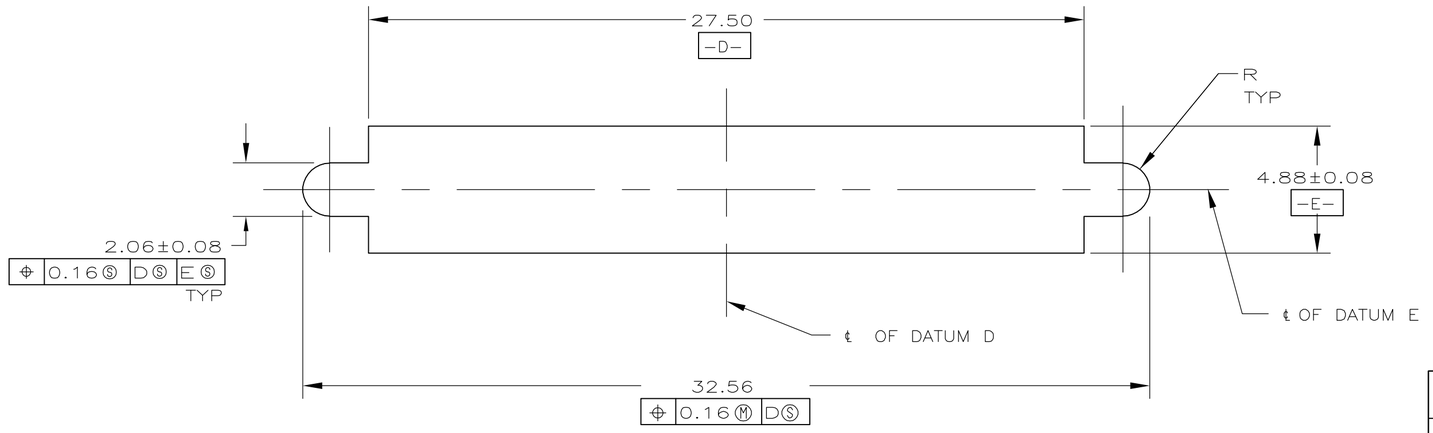
LOC	DIST
GP	00

REVISIONS

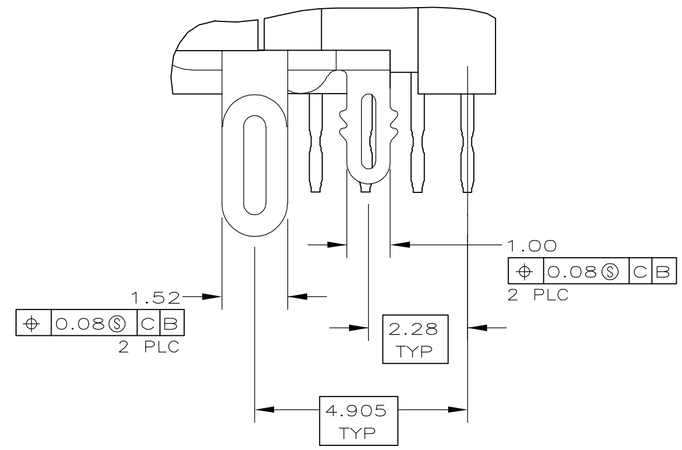
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	–	—	—



PC BOARD MOUNTING DIMENSIONS 3



PANEL CUT-OUT DIMENSIONS 4



DETAIL Z
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.13
3 PLC ± –
4 PLC ± –
ANGLES ± 1°

MATERIAL –
FINISH –

DWN	T.SHUEY	09MAR05
CHK	J.GERACE	09MAR05
APVD	M.WALMSLEY	09MAR05
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

tyco Electronics — Tyco Electronics Corporation, Harrisburg, PA 17105-3608

NAME: RECEPTACLE ASSEMBLY, 50 POSITION, SHIELDED, RIGHT ANGLE, CHAMP 0.8mm

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1658751	—

CUSTOMER DRAWING | SCALE 6:1 | SHEET 2 OF 2 | REV F

1658751