

LOC	DIST	REVISIONS						
ES	00							
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			G	PER ECO-14-018235	08DEC2014	HW	MC	
			H	PER ECO-15-000221	07JAN2015	HW	MC	
			J	PER ECO-15-000758	16JAN2015	HW	MC	
CK.			JI	REVISED PER ECO-15-010601	21JUL2015	RG	SH	

- △

MATERIAL:
HOUSING: LCP, UL 94V-0 RATED, BLACK.
CONTACTS: PHOSPHOR BRONZE
RETENTION LEGS: BRASS
PICK UP CAP:STAINLESS STEEL
- △

FINISH:
CONTACTS: 0.76µm GOLD OR 0.076µm GOLD OVER PALLADIUM FOR
A LENGTH OF 1.90 MIN STARTING 0.40MAX FROM MATING END.
1.27µm-3.81µm TIN FOR A LENGTH OF 2.82 MIN FROM OPPOSITE END.
BOTH OVER 1.27µm MIN NICKEL.
RETENTION LEG: 3.81µm MIN TIN OVER 1.27µm MIN NICKEL.
- △

CONNECTOR WILL ACCOMINDATE MATING PRINTED CIRCUIT BOARD OF
1.60±0.07 THICKNESS.
- △

DIMENSION APPLIES TO CONTACTS: 21-23, 26, 29, 32, 35, AND 35-40.
- △

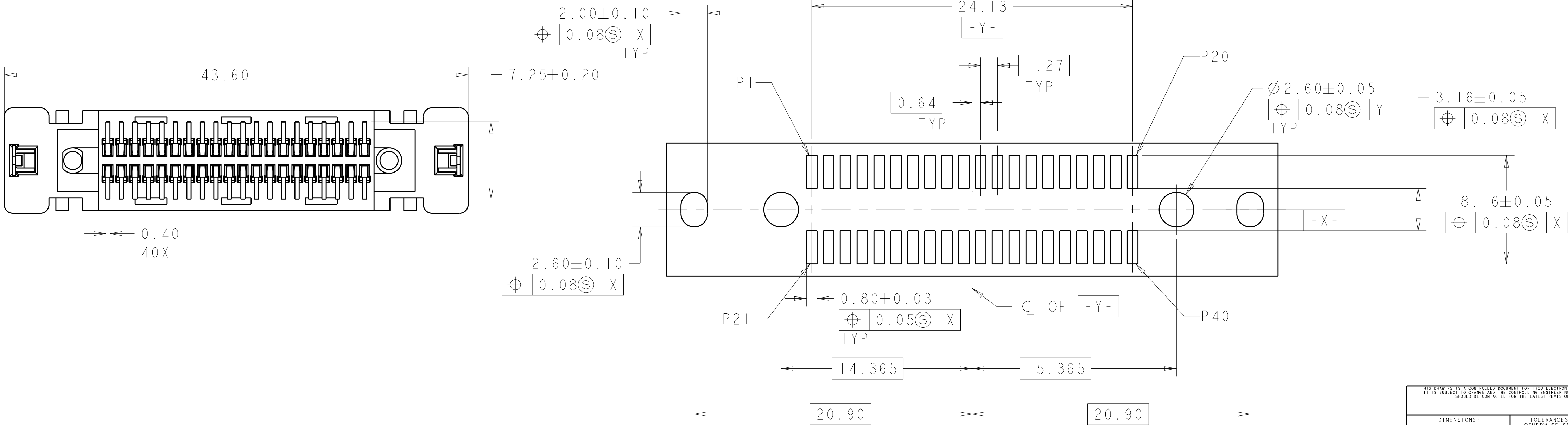
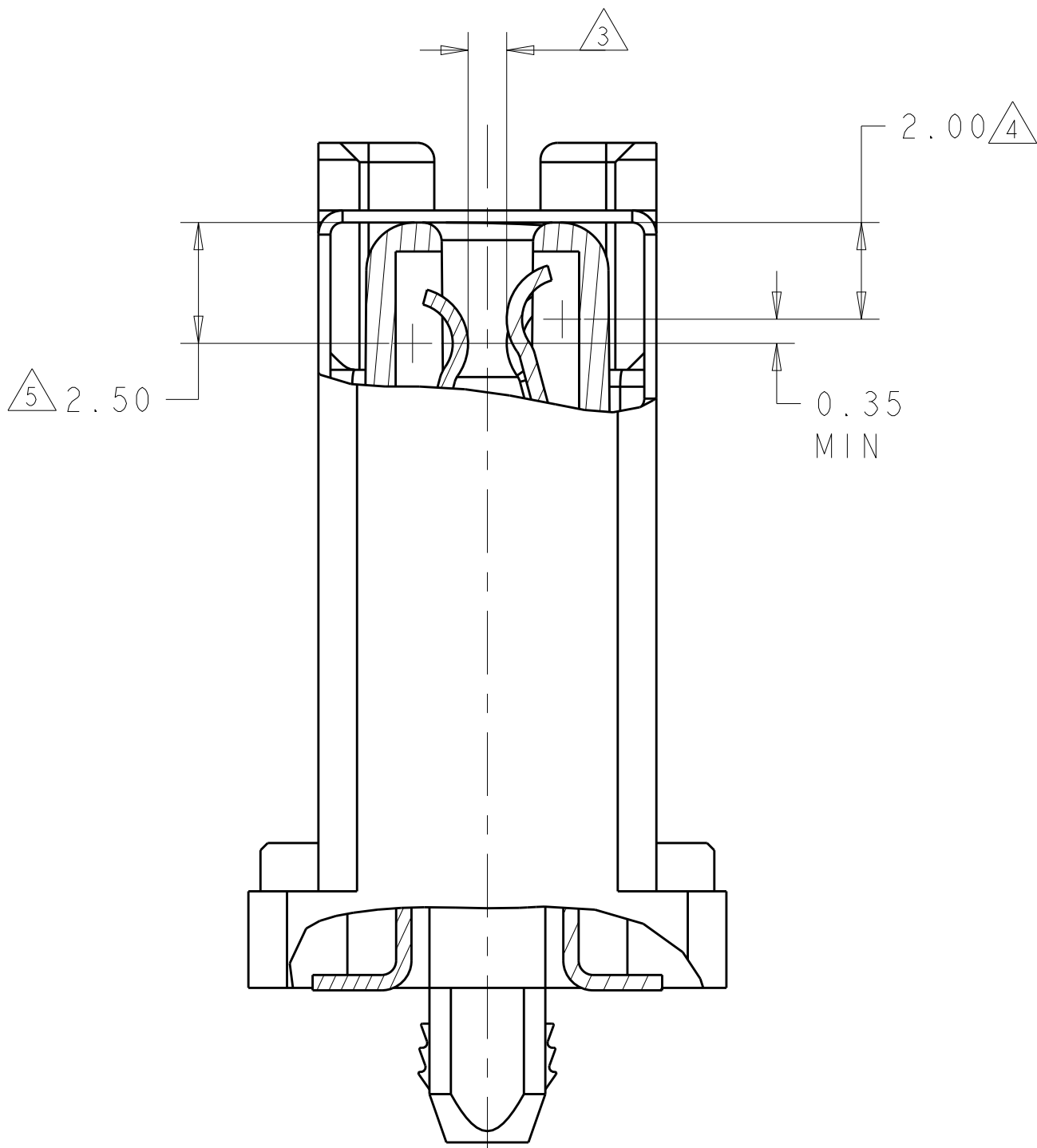
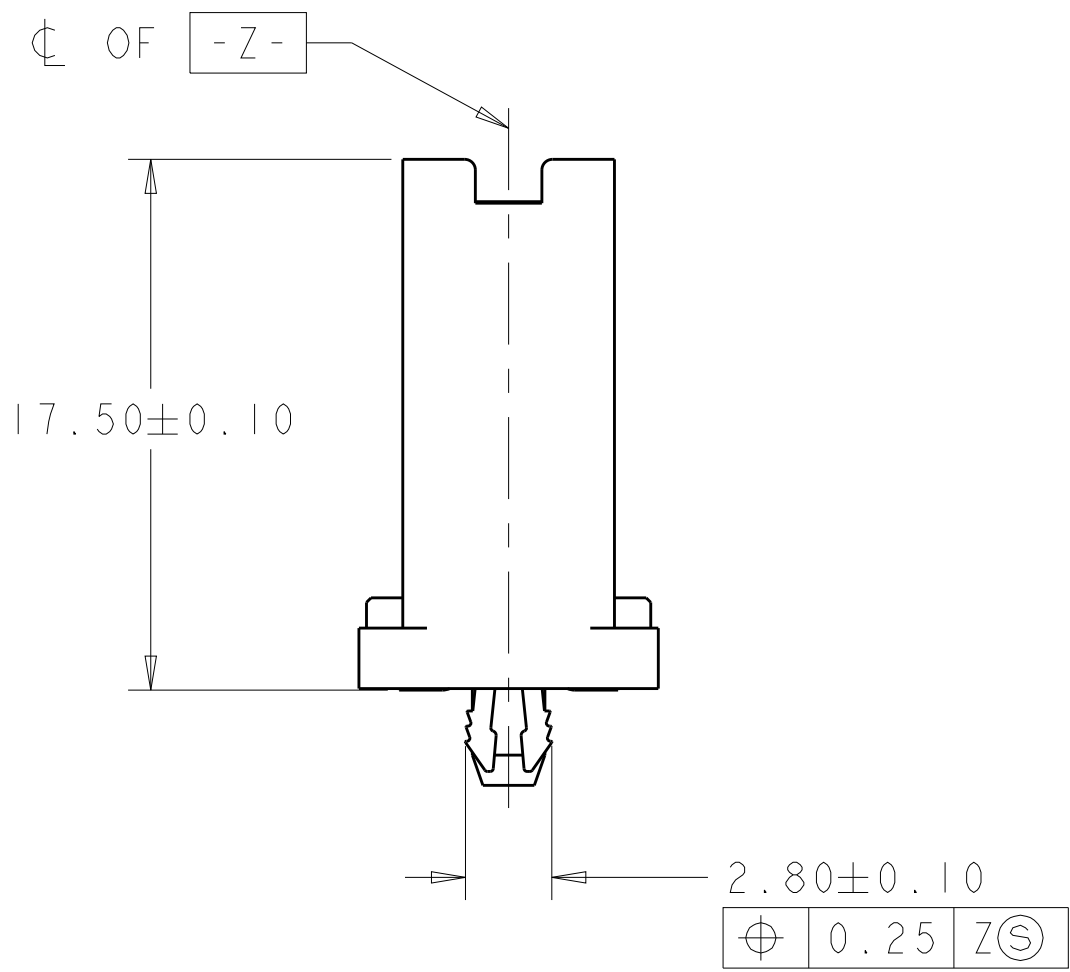
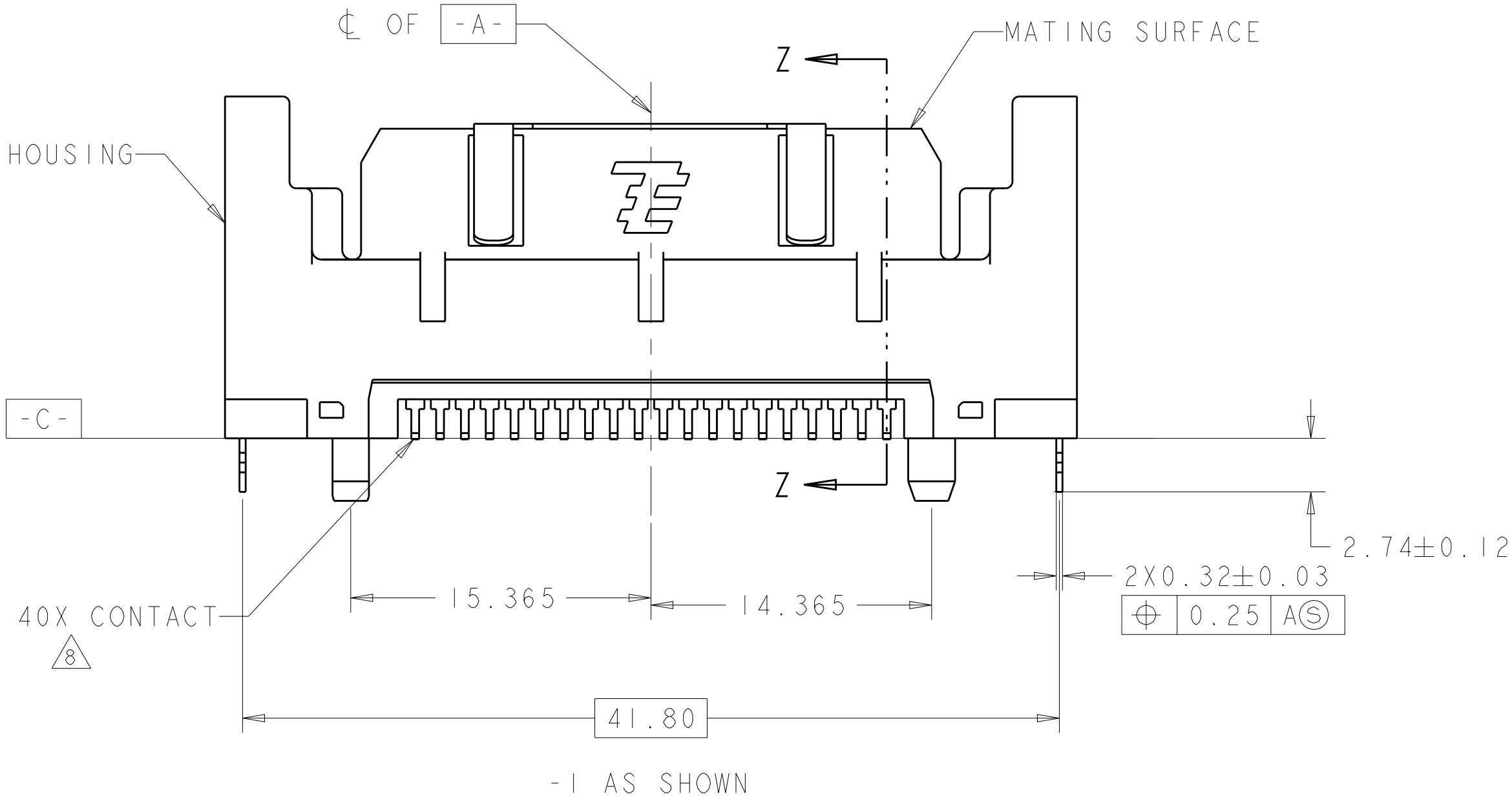
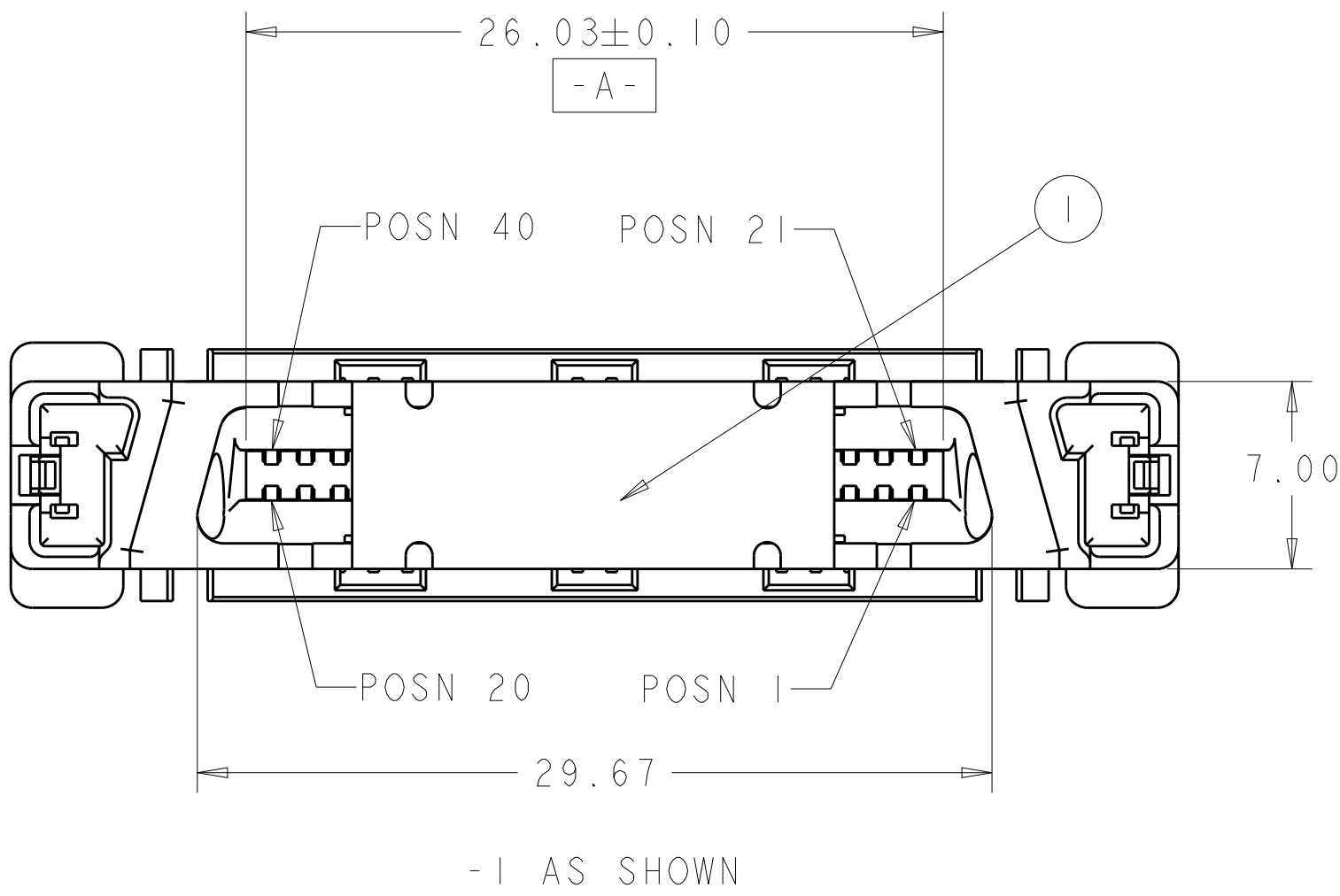
DIMENSION APPLIES TO CONTACTS: 1-20, 24, 25, 27, 28, 30, 31, 33, AND 34.
- 6

RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS IS 2.36 TO 3.81.
- △

MATERIAL:
HOUSING: LCP, UL 94V-0 RATED, BLACK.
CONTACTS: PHOSPHOR BRONZE
RETENTION LEGS: BRASS
- △

SOLDERTAIL TO BE 0.06 MAX ABOVE AND 0.08 MAX BELOW DATUM C
- △

PACKAGE: T&R



RECOMMENDED PCB BOARD
SCALE 5:1
(GENERAL TOLERANCE=0.05)

YES	△	1888935-4
NO	△	1888935-3
NO	△	1888935-2
YES	△	1888935-1
CAP 1	MATERIAL	PART NUMBER

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY, SURFACE MOUNT, 40 POSN, CHAMP BLINDMATE	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES		± ±0.35 ±0.25 ±0.13 ± ±		PRODUCT SPEC 108-60066 APPLICATION SPEC 114-6061	
MATERIAL		FINISH △		SIZE A100779C=1888935	
CUSTOMER DRAWING		SCALE 4:1		SHEET 1 OF 1	

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[1888935-1](#)