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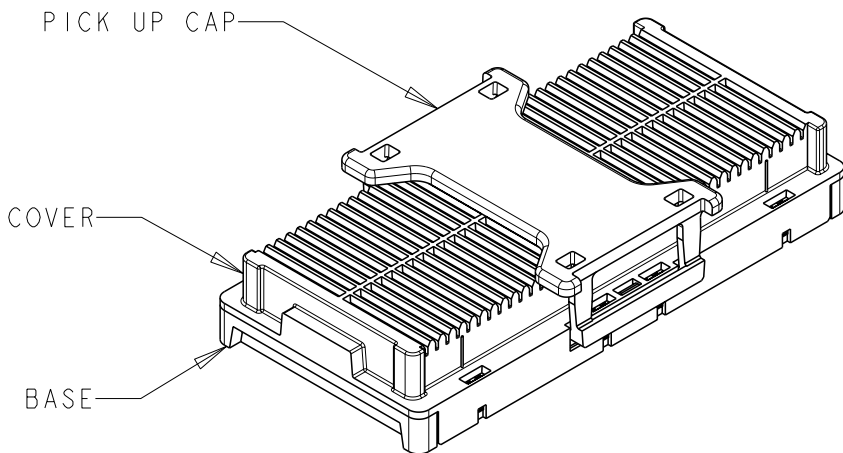
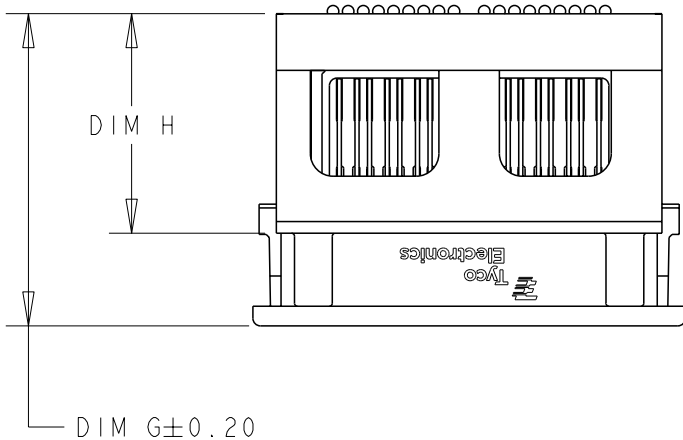
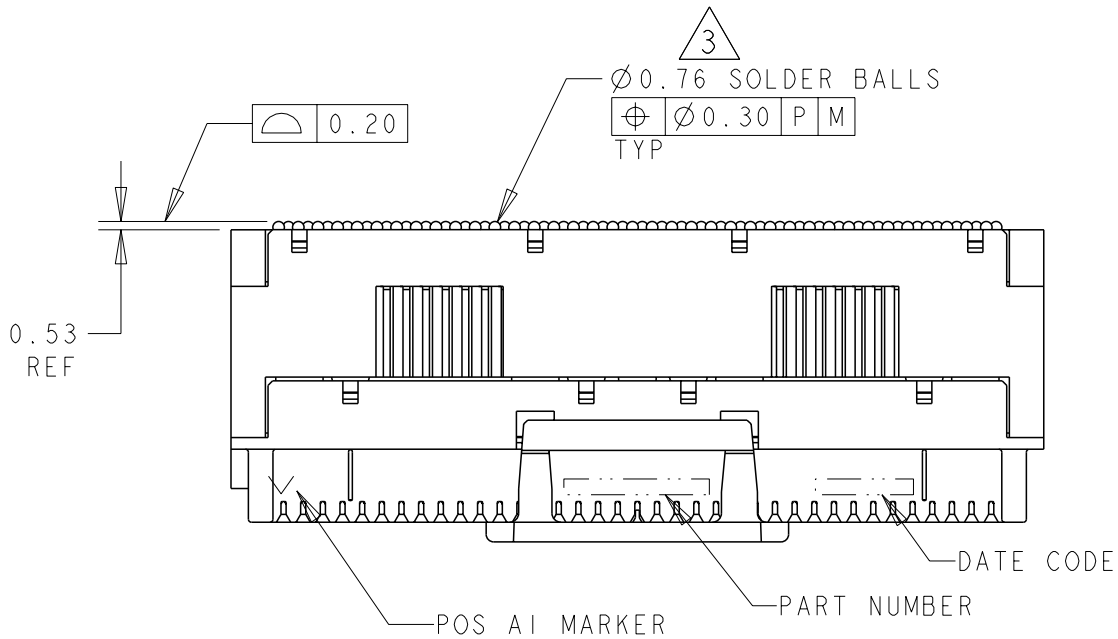
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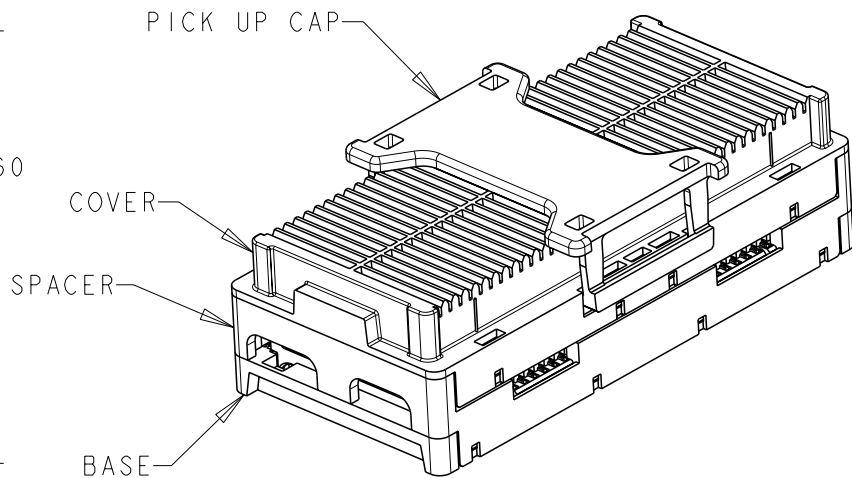
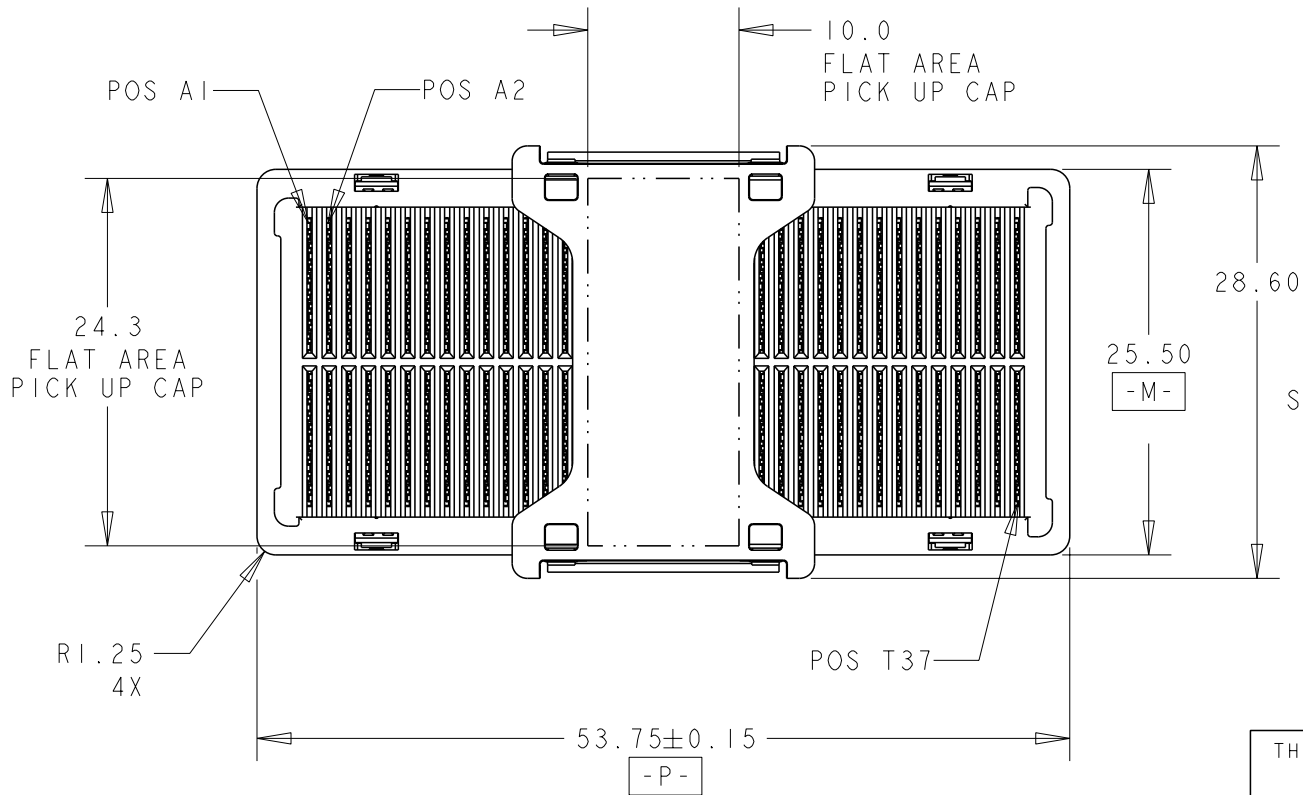
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	B5	REVISED PER ECO-20-017117	25APR2021	AP	RW



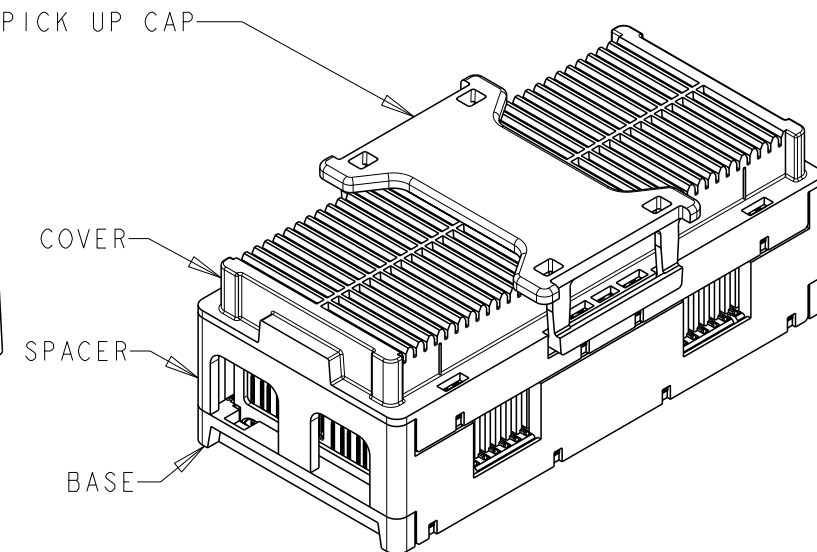
ISOMETRIC VIEW
TYPICAL CONFIGURATION
FOR 5mm ASSEMBLY
SCALE 3:2

TYPICAL ASSEMBLY

15mm SHOWN
SCALE 2:1

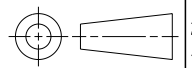


ISOMETRIC VIEW
TYPICAL CONFIGURATION
FOR 11mm ASSEMBLY
SCALE 3:2



ISOMETRIC VIEW
TYPICAL CONFIGURATION
FOR 15mm ASSEMBLY
SCALE 3:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG 11JAN05	 TE Connectivity		
		CHK D WERTZ 12JAN05			
		APVD D WERTZ 12JAN05	NAME STEP-Z RECEPTACLE ASSEMBLY, 296 SIGNAL POSITION -		
		PRODUCT SPEC 108-2143			
		APPLICATION SPEC 114-13101	SIZE A3		
		WEIGHT			
		CUSTOMER DRAWING	CAGE CODE 00779		
			DRAWING NO 1761617		
			RESTRICTED TO		
			SCALE 2:1		
			SHEET 1 OF 4		
			REV B5		

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC $\pm$ 1 PLC ± 0.3 2 PLC ± 0.10 3 PLC ± 0.050 4 PLC $\pm$ ANGLES $\pm 2^\circ$
MATERIAL 	FINISH 

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

D

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1 MATERIAL:
BASE, SPACER, COVER: THERMOPLASTIC
PICK UP CAP: THERMOPLASTIC
CONTACT: COPPER ALLOY
SOLDER BALL: Sn/Pb FOR P/N 1761615-1 THRU 5-1761615-0
Sn/Ag FOR P/N 5-1761615-1 THRU 9-1761615-9

2 FINISH:
CONTACT: 0.00076 MIN GOLD OVER 0.00127 MIN NICKEL.
(30µ" MIN GOLD OVER 50µ" MIN NICKEL)

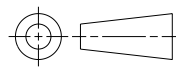
3 SOLDER BALLS WILL NOT BE PERFECT
SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

4 CONTACTS IN ROWS A,C,E,G,J,K,M,P,R, AND T
ARE SINGLE BEAM CONTACTS,
TYPICALLY USED AS GROUND PINS.
(NOTE: CONTACTS IN ROWS J & K ARE TIED
TOGETHER [COMMONED]).

5 CONTACTS IN ROWS B,D,F,H,L,N,Q, AND S
ARE DUAL BEAM CONTACTS,
TYPICALLY USED AS SIGNAL PINS.

6 SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD
LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE
OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS
SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED
PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE
APPLICATION SPEC 114-13101.

14.51	20.65	-	15mm Sn/Ag	6-1761617-5
10.51	16.65	-	11mm Sn/Ag	6-1761617-1
4.51	10.65	-	5mm Sn/Ag	5-1761617-5
OBSOLETE	14.51	20.65	-	15mm Sn/Pb
	10.51	16.65	-	11mm Sn/Pb
	4.51	10.65	-	5mm Sn/Pb
	DIM H	DIM G	LOAD STYLE	DESCRIPTION
				PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG 11 JAN05	 TE Connectivity		
		CHK D WERTZ 12 JAN05			
DIMENSIONS: mm		APVD D WERTZ 12 JAN05	NAME STEP-Z RECEPTACLE ASSEMBLY, 296 SIGNAL POSITION		
		PRODUCT SPEC -	SIZE A300779		
		APPLICATION SPEC -			
MATERIAL -		WEIGHT -	CAGE CODE C-1761617		RESTRICTED TO
CUSTOMER DRAWING			SCALE 1:1	SHEET 2 OF 4	REV B5

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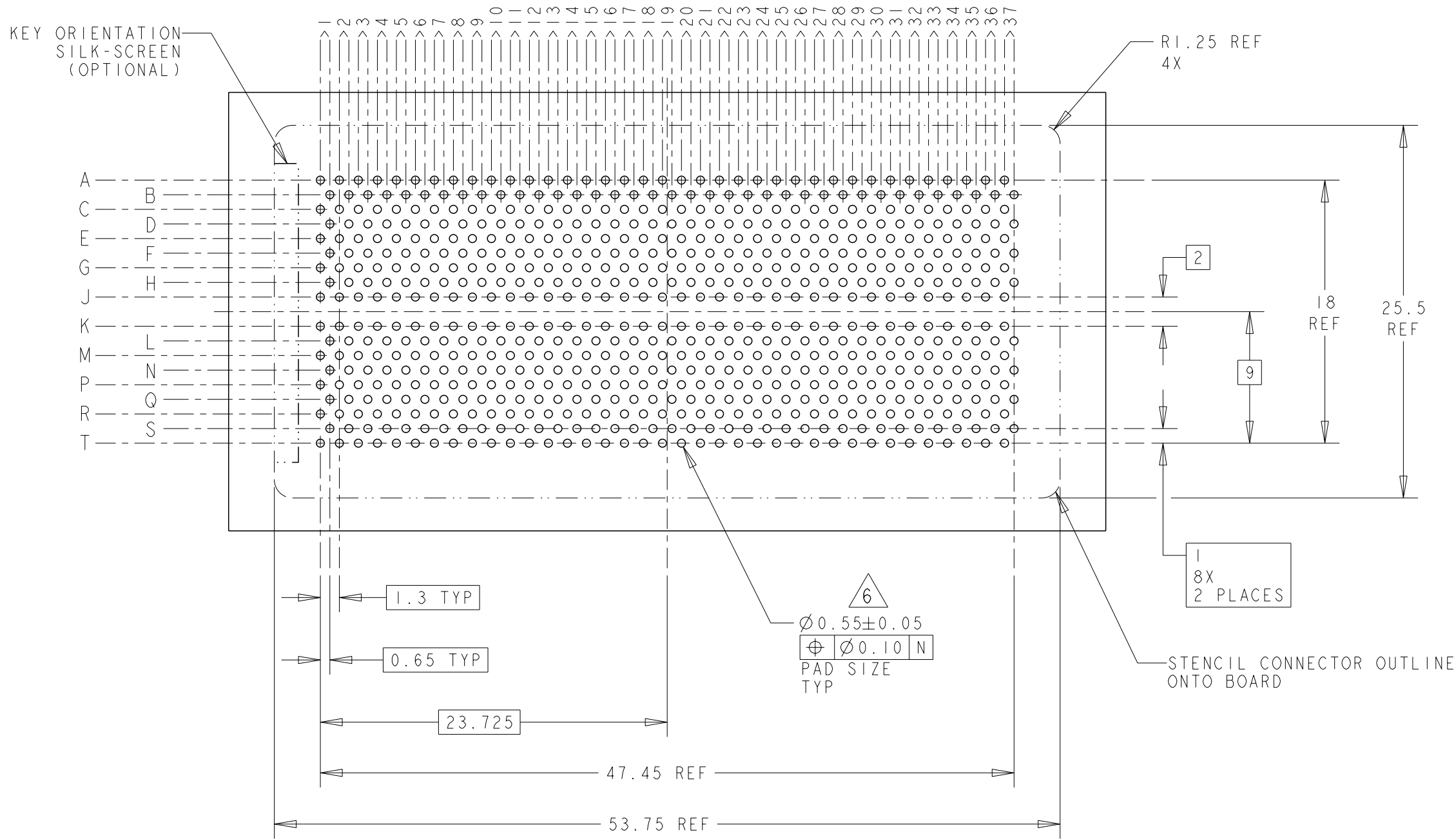
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

D

C

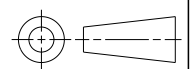
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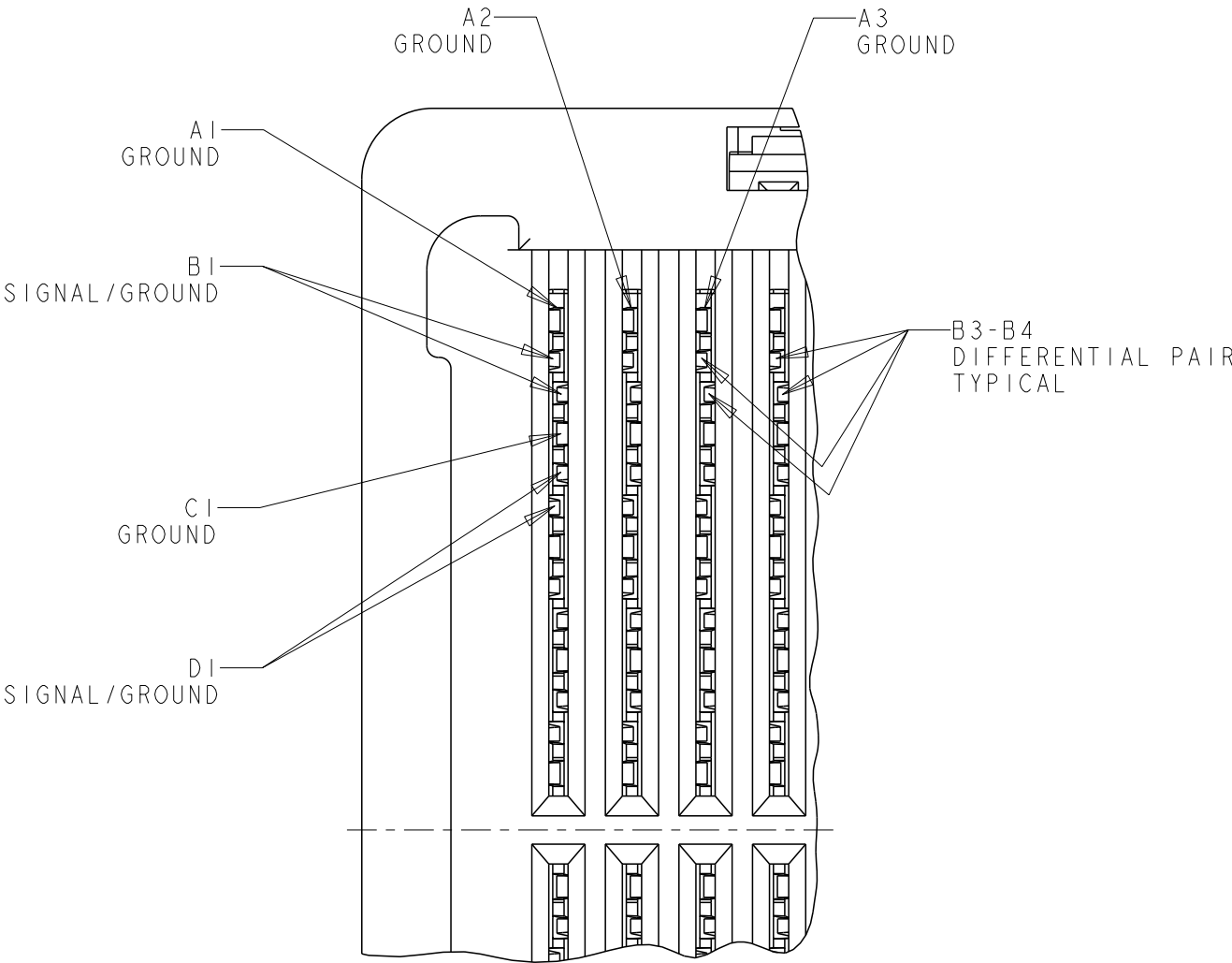
- N -

4 5 BOARD PATTERN
SCALE 3:1

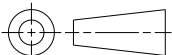
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG 11JAN05		TE Connectivity													
DIMENSIONS: mm		CHK D WERTZ 12JAN05															
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D WERTZ 12JAN05		NAME STEP-Z RECEPTACLE ASSEMBLY, 296 SIGNAL POSITION -												
	0 PLC ±-		PRODUCT SPEC														
	1 PLC ±0.3		-														
	2 PLC ±0.10		APPLICATION SPEC														
	3 PLC ±0.050		-														
4 PLC ±-		-		SIZE		CAGE CODE	DRAWING NO		RESTRICTED TO								
ANGLES ±2°		WEIGHT		A3		00779		C-1761617									
MATERIAL -		FINISH -		CUSTOMER DRAWING								SCALE 1:1		SHEET 3 OF 4		REV B5	

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECEPTACLE INTERFACE
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG	11 JAN 05	TE Connectivity					
		CHK D WERTZ	12 JAN 05						
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D WERTZ	12 JAN 05	NAME STEP-Z RECEPTACLE ASSEMBLY, 296 SIGNAL POSITION					
	0 PLC ±-	PRODUCT SPEC	-						
	1 PLC ±0.3	APPLICATION SPEC	-						
	2 PLC ±0.10								
	3 PLC ±0.050								
	4 PLC ±-			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
	ANGLES ±2°			A300779G-1761617					
MATERIAL -	FINISH -	WEIGHT	-						
CUSTOMER DRAWING				SCALE	1:1	SHEET	4 OF 4	REV	B5

Mouser Electronics

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