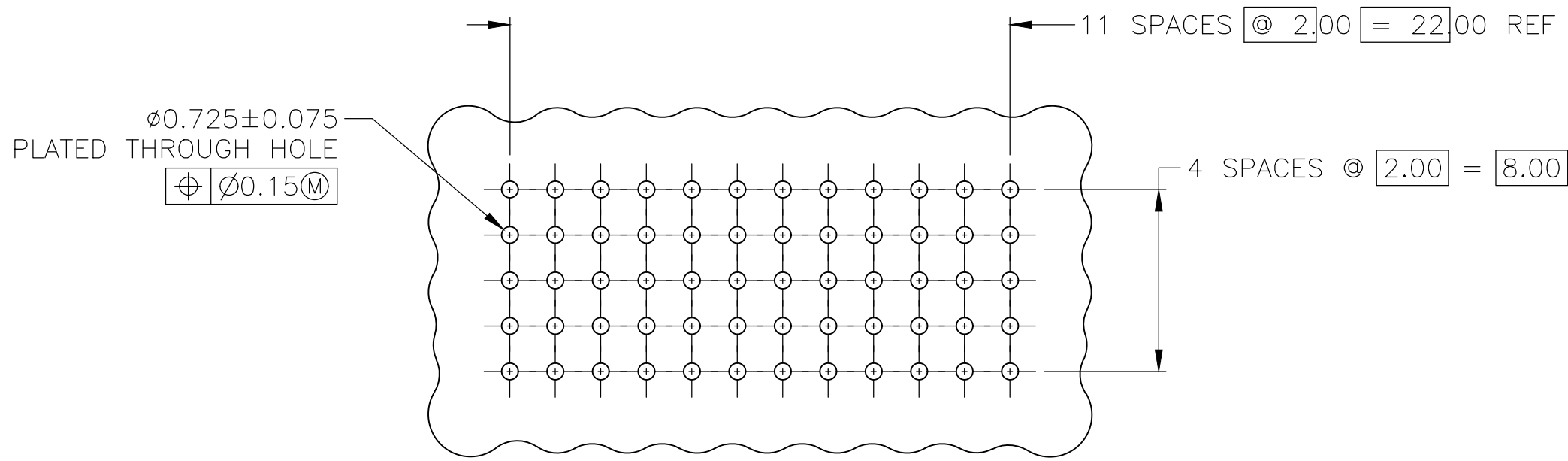
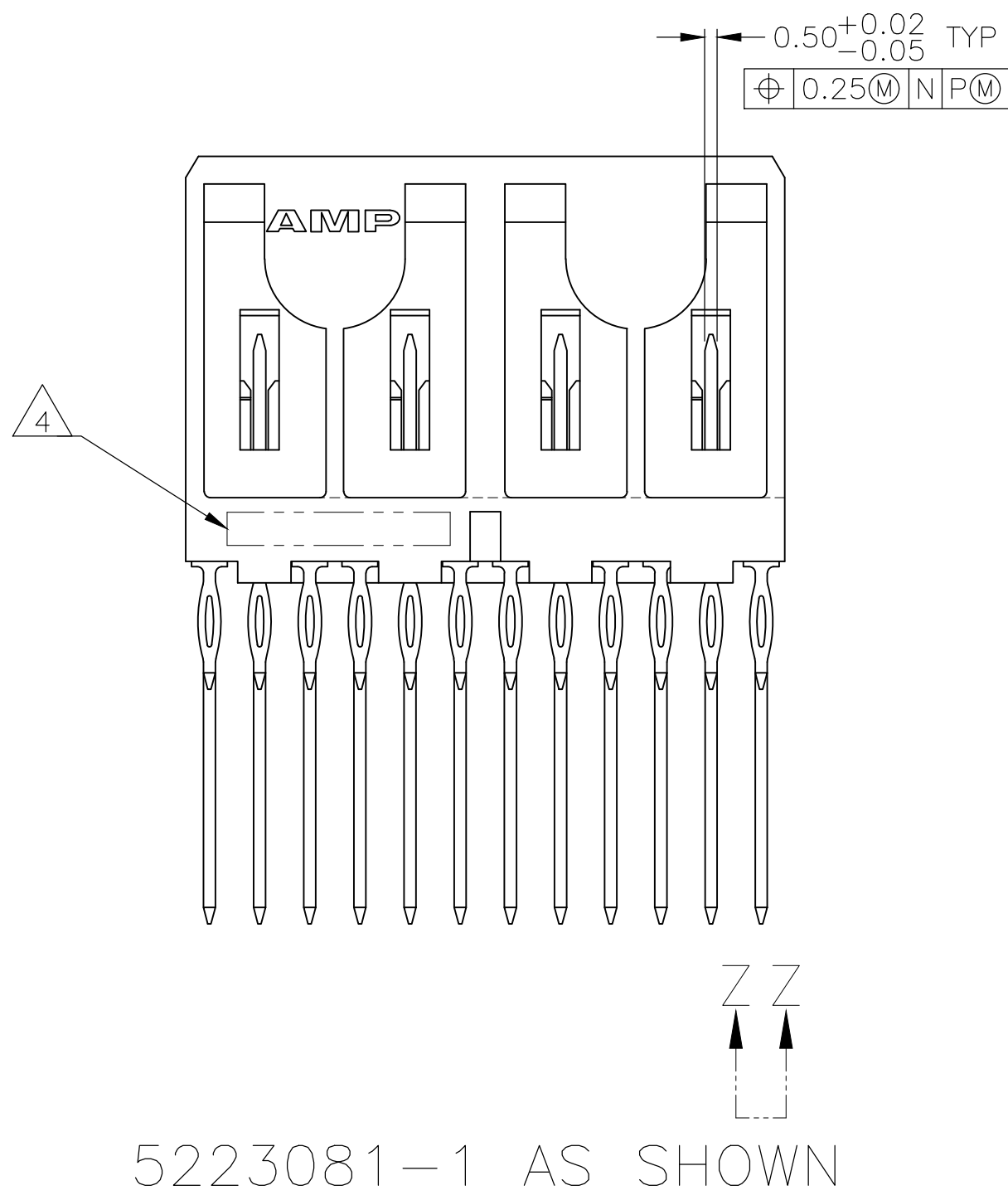
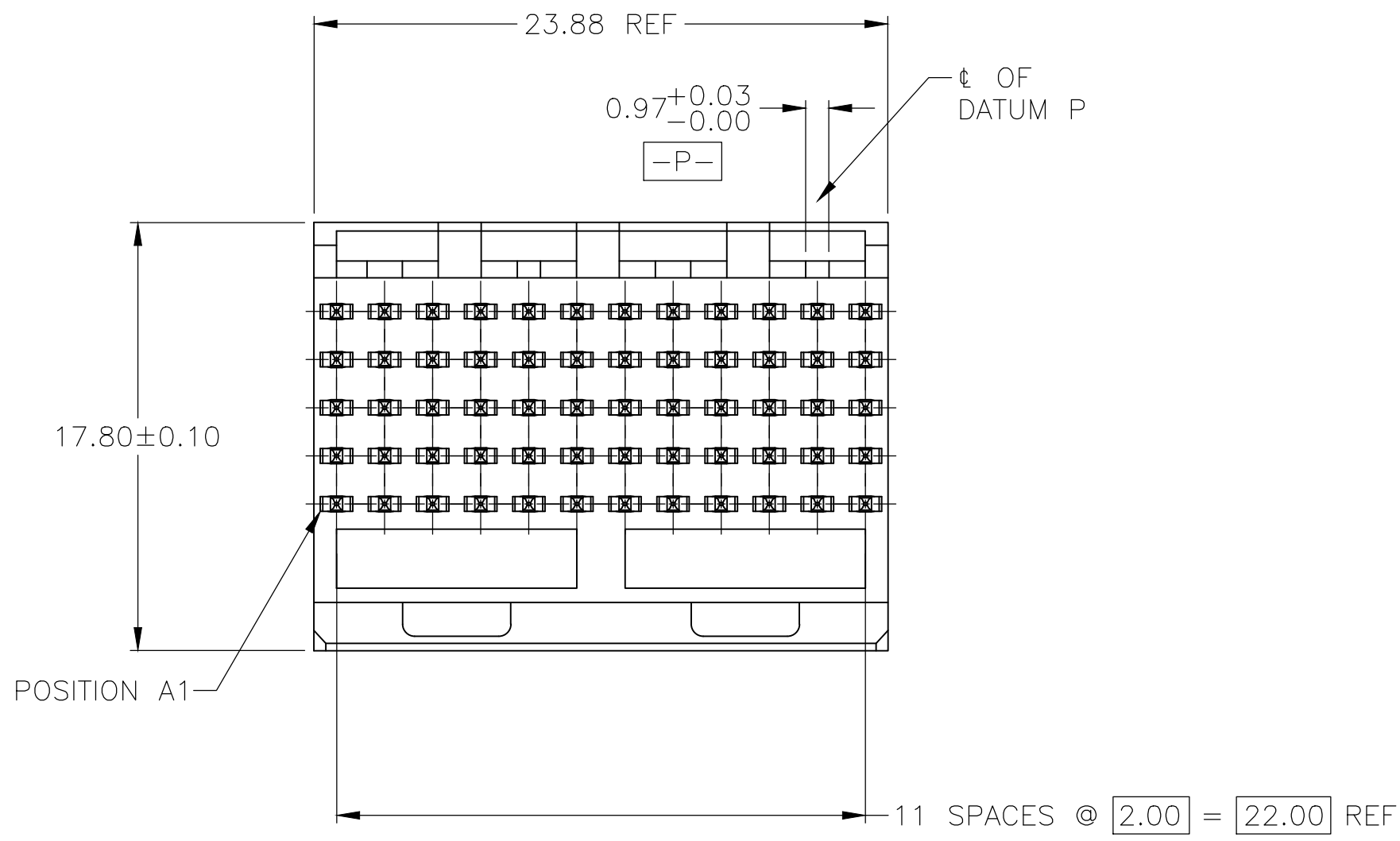
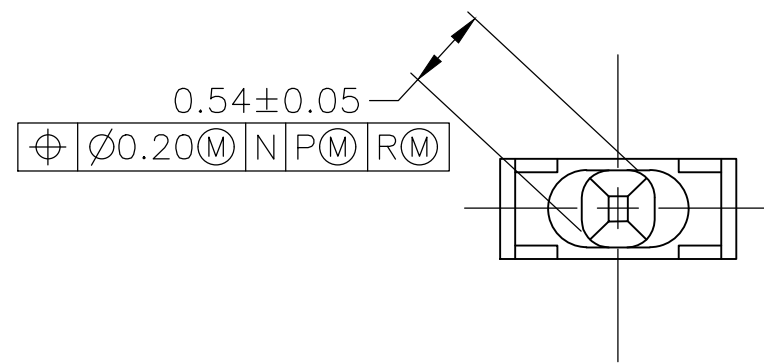
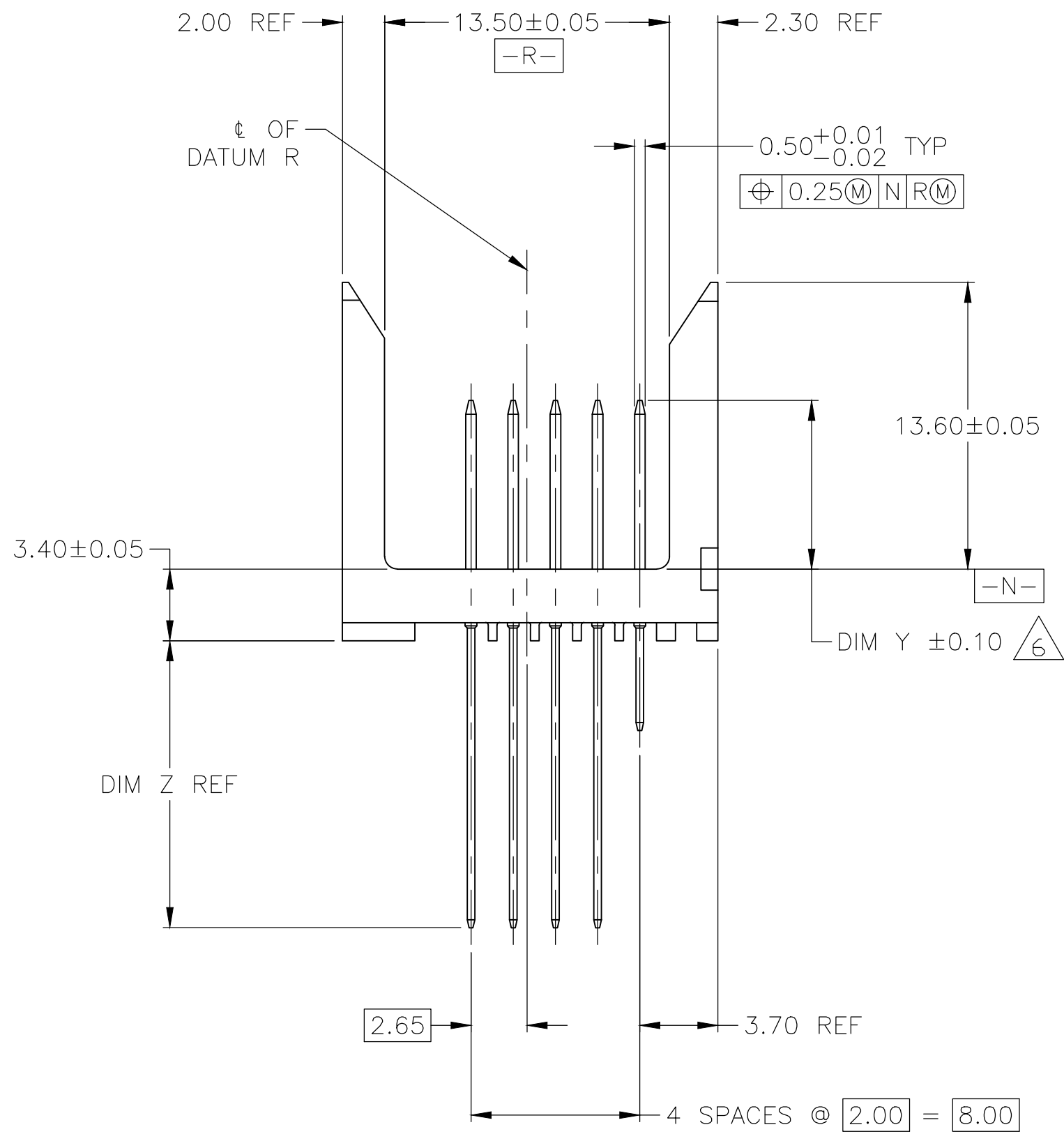




RECOMMENDED CIRCUIT PATTERN
(COMPONENT SIDE)



VIEW Z-Z
SCALE 20:1

- HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, NATURAL.
- CONTACT MATERIAL: PHOSPHOR BRONZE.
- CONTACT FINISH:
UNDERPLATE (ENTIRE CONTACT):
0.00127 MIN NICKEL PER SAE-AMS-QQ-N-290
ON MATING SURFACES:
CONFORMS TO ALL TESTING SPECIFIED FOR TELCORDIA
UNCONTROLLED ENVIRONMENT.
ON LEADS:
0.0006 MIN MATTE TIN PER ASTM B 545 OVER UNDERPLATE.
LUBRICATION (MIN MATING SURFACES):
SURFACE CONDITIONER AFTER PLATING.
- PART MARKING, LOCATED APPROXIMATELY AS SHOWN.
- SEE SHEET 2 FOR SEQUENCING CHARTS.
- DIMENSION APPLIES WHEN SEATED ON PRINTED CIRCUIT BOARD.
- SEE RESTRICTED CUSTOMER DRAWING.

OBSOLETE	6-5223081-0
OBSOLETE	5-5223081-9
OBSOLETE	5-5223081-8
OBSOLETE	5-5223081-7
OBSOLETE	5-5223081-6
OBSOLETE	5-5223081-0
OBSOLETE	4-5223081-9
OBSOLETE	4-5223081-8
OBSOLETE	4-5223081-6
SUPERCEDED BY 4-1705989-3	4-5223081-3
OBSOLETE	3-5223081-5
OBSOLETE	3-5223081-2
OBSOLETE	3-5223081-1
OBSOLETE	3-5223081-0
OBSOLETE	2-5223081-9
OBSOLETE	2-5223081-8
OBSOLETE	2-5223081-6
OBSOLETE	2-5223081-4
OBSOLETE	1-5223081-2
OBSOLETE	1-5223081-1
OBSOLETE	1-5223081-0
OBSOLETE	5223081-9
OBSOLETE	5223081-8
OBSOLETE	5223081-7
OBSOLETE	5223081-6
OBSOLETE	5223081-5
OBSOLETE	5223081-4
OBSOLETE	5223081-3
OBSOLETE	5223081-2
OBSOLETE	5223081-1
PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MCMASTER 13DEC04	 TE Connectivity	
DIMENSIONS: mm		CHK R. WERTZ 13DEC04	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R. WERTZ 13DEC04	PRODUCT SPEC	
0. PLC ± -		APPLICATION SPEC		SIZE A1
1. PLC ± -		WEIGHT		
2. PLC ± 0.13		CUSTOMER DRAWING		
3. PLC ± -		SHEET		
4. PLC ± -		REV		
ANGLES ± -		FINISH		
MATERIAL		DRAWING NO		RESTRICTED TO
FINISH		5223081		
 		SCALE		
		4:1		
		SHEET		
		1 of 2		
		REV		
		F		

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

E	E	E	E	E	E	E	E	E	E	E	E	E	E	
D	U	U	U	U	U	U	U	U	U	U	U	U	U	D
C	U	U	U	U	U	U	U	U	U	U	U	U	U	C
B	U	U	U	U	U	U	U	U	U	U	U	U	U	B
A	U	U	U	U	U	U	U	U	U	U	U	U	U	A
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	
CONTACT LOAD CHART														

E	E	E	E	E	E	J	E	E	E	E	E		5223081-9 OBSOLETE
D	E	E	E	E	E	J	E	E	E	E	D		
C	E	E	E	E	E	J	E	E	E	E	C		
B					E	J	E	E	E	E	B		
A	E	E	E	E	E	J	E	E	A	J	A		PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	
CONTACT LOAD CHART													

E	UUUUUU	Y	UUUUUUUUUUUUUUUUUU	E	3-5223081-0 OBSOLETE									
D	UUUUUUUUUU	UUUUUUUUUUUUUUUUUU	D											
C	SSUUUUUUUUUUUUUUUUUUUUUUUUUU	C												
B	UUUUUUUUUUUUUUUUUUUUUUUUUUUU	B												
A	UUUUUUUUUUUUUUUUUUUUUUUUUUUU	A												
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	PART NUMBER
CONTACT LOAD CHART														

E	A	A	A	A	A	A	A	E	5-5223081-0 OBSOLETE			
D	A	A	A	A	A	A	A	D				
C	A	A	A	A	A	A	A	C				
B	A	A	A	A	A	A	A	B				
A	A	A	A	A	A	A	A	A	PART NUMBER			
ROW 1	2	3	4	5	6	7	8	9		10	11	12
CONTACT LOAD CHART												

E	E	E	E	E	E	E	E	E	E	E	E	E		
D	E	E	E	E	E	E	E	E	E	T	E	D		
C	E	E	E	E	E	E	E	E	E	T	E	C		
B	E	E	E	E	E	E	E	E	E	T	E	B		
A	E	E	E	E	N	E	N	E	T	E	A			
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	
CONTACT LOAD CHART														

E		A	A								A	A	E	1-5223081-0 OBSOLETE
D		A	A								A	A	D	
C													C	
B		A	A			A		A	A		A	A	B	
A	E	E	E	E	E	E	E	E	E	E	E	E	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	
CONTACT LOAD CHART														

E	E	E	E	E	E	E	E	E	E	3-5223081-1		
D	E	E	E	E	E	E	E	E	D			
C	E	E	E	E	E	E	E	E	C			
B	E	E	E	E	E	E	E	E	B			
A	E	E	E	E	E	E	E	E	A	PART NUMBER		
ROW 1	2	3	4	5	6	7	8	9	10		11	12
CONTACT LOAD CHART												

E	G	G	G	G	G	G	G	G	G	G	E	5-5223081-6 OBSOLETE	
D	G	G	G	G	G	G	G	G	G	G	D		
C	G	R	G	G	G	G	G	G	G	G	C		
B	G	G	G	G	G	G	G	G	G	G	B		
A	G	G	G	G	G	G	G	G	G	G	A	PART NUMBER	
ROW	1	2	3	4	5	6	7	8	9	10	11		12
CONTACT LOAD CHART													

E	N	E	E	E	E	E	E	E	E	E	E	E	E	5223081-3
D	E	E	E	E	E	E	E	E	E	E	E	E	D	
C	T	T	T	E	T	E	E	E	E	E	E	E	C	
B	E	E	E	E	E	N	E	E	E	E	E	E	B	
A	N	E	E	E	E	N	E	E	E	E	E	E	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	
CONTACT LOAD CHART														

E	E	E	E	E	E								E	1-5223081-1 OBSOLETE
D	E	E	E	E	E								D	
C	E	E	E	E	E								C	
B	E	E	E	E	E								B	
A	E	E	E	E	E								A	
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	
														PART NUMBER
CONTACT LOAD CHART														

E	E	E	E	E	E	E	E	E	E	E	E	E	3-5223081-2 OBSOLETE
D	N	E	E	N	E	N	J	J	A	J	J	D	
C	E	E	N	E	E	N	J	J	N	J	J	C	
B	E	N	E	E	N	J	J	N	J	J	J	B	
A	E	E	E	E	E	E	E	E	E	E	J	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	
CONTACT LOAD CHART													

E	E	E	E	E	E	E	E	E	E	N	N	E	5-5223081-7 OBSOLETE
D	E	E	E	E	E	E	E	E	E	E	E	D	
C	E	E	E	E	E	E	T	T	T	T	C		
B	E	E	E	E	E	E	E	E	E	E	E	B	
A	E	E	E	E	E	E	E	E	E	N	N	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	
CONTACT LOAD CHART													

E	A	A								A	A	E	5223081-4 OBSOLETE	
D	A	A								A	A	D		
C												C		
B	A	A			A		A	A		A	A	B		
A	A	A			A		A	A		A	A	A		
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	PART NUMBER
CONTACT LOAD CHART														

E	A	J	J	J	J	J	J	J	J	J	J	E	1-5223081-2 OBSOLETE
D	J	J	J	J	J	J	J	J	J	J	J	D	
C	J	J	J	J	J	J	J	J	J	J	J	C	
B	J	J	J	J	J	J	J	J	J	J	J	B	
A	J	J	J	J	J	J	J	J	J	J	J	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	
CONTACT LOAD CHART													

E			N	N	N	N	N	N	N	N			E	3-5223081-5 OBSOLETE
D			N	N	N	N	E	E	N				D	
C			N	E	E	N	E	N	N				C	
B			N	N	N	N	E	E	N				B	
A			N	N	N	N	N	N	N				A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	

CONTACT
LOAD CHART

E	N	E	E	E	E	E	E	E	E	E	E	E	E	E	5-5223081-8 OBSOLETE
D	E	E	E	E	E	E	E	E	E	E	E	E	E	D	
C	T	E	E	E	T	T	T	E	E	E	E	E	E	C	
B	E	E	E	E	E	E	E	E	E	E	E	E	E	B	
A	N	E	E	E	E	E	E	E	E	E	E	E	E	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW		
CONTACT LOAD CHART															

E	A	A	A	A	A	A	A	A	—	A	A	E	5223081—5 OBSOLETE
D	A	A	A	A	A	A	A	A	—	A	A	D	
C	A	A	A	A	A	A	A	A	—	A	A	C	
B	A	A	A	A	A	A	A	A	—	—	B		
A	A	A	A	A	A	A	A	A	A	A	A	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	
CONTACT LOAD CHART													

E	E	E	E	E	E	E	E	E	2-5223081-4						
D	E			E			E							D	
C	E	E	E	E	E	E	E	C							
B	E			E			E	N						B	
A	E	E	E	E	E	E	E	A	PART NUMBER						
ROW	1	2	3	4	5	6	7	8						9	10
CONTACT LOAD CHART															

E													E	4-5223081-3
D	SUPERCEDED BY 4-1705989-3												D	
C													C	
B													B	
A													A	
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	PART NUMBER
CONTACT LOAD CHART														

E	N	E	E	E	E	E	E	E	E	E	E	E	E	E	5-5223081-9 OBSOLETE
D	E	E	E	E	E	E	E	E	E	E	E	E	D		
C	T	E	E	T	T	E	T	E	E	E	E	E	C		
B	E	E	E	E	E	E	E	E	E	E	E	E	B		
A	N	E	E	E	T	E	E	E	E	E	E	E	A	PART NUMBER	
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW		

CONTACT
LOAD CHART

E	J	J	J	J	J	A	J	J	J	J	E	5223081-6 OBSOLETE	
D	J	J	J	J	J	J	J	J	J	J	D		
C	J	J	J	J	J	J	J	J	J	J	C		
B	J	J	J	J	J	J	J	J	J	J	B		
A	J	J	J	J	J	J	J	J	J	J	A	PART NUMBER	
ROW	1	2	3	4	5	6	7	8	9	10	11		12
CONTACT LOAD CHART													

E	T	A	E	E	A	E	E	E	E	E	E	T	E	2-5223081-6 OBSOLETE
D	A	E	E	E	E	E	E	E	E	E	E	T	D	
C	E	E	E	E	E	E	E	E	E	E	E	T	C	
B	T	E	E	E	E	E	E	E	E	E	E	T	B	
A	A	A	E	E	E	E	E	E	E	E	E	T	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	
CONTACT LOAD CHART														

E	A	A	A	A	A	A	A	A	A	A	A	E	4-5223081-6 OBSOLETE
D	J	J	J	J	J	J	J	J	J	J	J	D	
C	T	T	T	T	T	T	T	T	T	T	T	C	
B	J	J	J	J	J	J	J	J	J	J	J	B	
A	A	A	A	A	A	A	A	A	A	A	A	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	
CONTACT LOAD CHART													

E	E	E	E	E	E	E	E	E	E	E	E	E	E	6-5223081-0 OBSOLETE
D	E	E	E	E	E	E	E	E	E	E	E	E	D	
C	N	E	E	E	E	N	E	E	E	E	E	E	C	
B	E	E	E	E	E	E	E	E	E	E	E	E	B	
A	E	E	E	E	E	E	E	E	E	E	E	E	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	
CONTACT LOAD CHART														

E	J	J	J	J	J	J	J	J	J	J	E	5223081-7 OBSOLETE
D	T	T	T	T	T	T	T	T	T	T	D	
C	J	J	J	J	J	J	J	J	J	J	C	
B	J	J	J	J	J	J	J	J	J	J	B	
A	A	A	A	A	A	A	A	A	A	A	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	
CONTACT LOAD CHART												

E	E	E	E	E	A	A	A	A	E	E	E	E	E	
D	E	E	E	E	E	E	E	E	E	E	E	E	D	2-5223081-8 OBSOLETE
C	E	E	E	E	E	E	E	E	E	E	E	E	C	
B	E	E	E	E	E	E	E	E	E	E	E	E	B	
A	E	E	E	E	E	E	E	E	E	E	E	E	A	PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW	
CONTACT LOAD CHART														

E	E	E	E	E	E	E	E	E	E	4-5223081-8 OBSOLETE			
D	E	E	E	E	E	E	E	E	D				
C	E	E	E	E	E	E	E	E	C				
B	E	E	E	E	E	E	E	E	B				
A	E	E	E	E	E	E	E	E	A	PART NUMBER			
ROW	1	2	3	4	5	6	7	8	9		10	11	12

CONTACT
LOAD CHART

E	E	E	E	E	E	J	E	E	E	E	E		5223081-8
D	E	E	E	E	E	J	E	E	E	E	D		
C	E	E	E	E	E	J	E	E	E	E	C		
B	E	E	E	E	E	J	E	E	E	E	B		
A	E	E	E	E	E	J	E	E	A	J	A		PART NUMBER
ROW	1	2	3	4	5	6	7	8	9	10	11	12	
CONTACT LOAD CHART													

E															E	2-5223081-9 OBSOLETE
D															D	
C															C	
B															B	
A															A	
ROW	1	2	3	4	5	6	7	8	9	10	11	12	ROW			PART NUMBER

CONTACT
LOAD CHART

E	GGGG	GGGG	GGGG	GGGG	E	4-5223081-9 OBSOLETE							
D	GGGG	GGGG	GGGG	GGGG	D								
C	GGGG	GGGG	GGGG	GGGG	C								
B	GGGG	GGGG	GGGG	GGGG	B								
A	GGGG	GGGG	GGGG	GGGG	A	PART NUMBER							
ROW	1	2	3	4	5		6	7	8	9	10	11	12

CONTACT
LOAD CHART

R		7.25	15.60
G		5.75	15.60
GG		5.00	13.60
WW		5.75	14.90
J		6.50	4.25
A		5.00	4.25
T		8.00	4.25
N		7.25	4.25
UU		5.75	13.60
E		5.75	4.25
CONTACT LETTER		DIM Y	DIM Z

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWG B.MCMMASTER	13DEC04				TE Connectivity		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHEG R.WERTZ	13DEC04	NAME	PIN ASSY Z-PACK 2mm FB SIGNAL			
	0 PLC ± 1 PLC ± 2 PLC ± 0.13 3 PLC ± 4 PLC ± ANGLES ± ±	PRODUCT SPEC APPRO R.WERTZ		13DEC04	VERTICAL 5R 60P					
MATERIAL		FINISH		APPLICATION SPEC			PRESS FIT LEADS W/SEQUENCING			
		WEIGHT		-		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
						A1	00779	C=5223081	-	
CUSTOMER DRAWING						SCALE	4:1	SHEET	2 OF 2	REV F