

- 1. ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
- 2. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
- $\boxed{3}$ The noted dimensions apply at the intersection of the post and housing
- HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK.
- FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254—0.00508 [.000100—.000200] MATTE TIN—LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL. 5
- 6 FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254—0.00508 [.000100—.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.
- HIGH TEMPERATURE CONFIGURATION.

2.54 [.100]

A A	7	6			39	80	9-146497-0	25
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		6			38	78	8-146497-9	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		$\overline{\qquad \qquad }$			37	76	8-146497-8	
A State [State 35 72 8-146497-6 A State [State 35 72 8-146497-6 A State [State 32 35 8-146497-8 A State [State 32 36 8-146497-3 A State [State 32 36 8-146497-4 A State [State 32 36 8-146497-3 A State [State 32 36 8-146497-3 A State [State 27 8-146497-3 A State [State 27 8-146497-5 A State [State 27 9 9 9		$\overline{\qquad \qquad }$	93.57	91.44	36	74	8-146497-7	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			91.03	88.90	35	72	8-146497-6	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\overline{)}$		88.49	86.36	34	70	8-146497-5	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\overline{)}$		85.95	83.82	33	68	8-146497-4	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			83.41	81.28	32	66	8-146497-3	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\overline{)}$	\wedge	80.87	78.74	31	64	8-146497-2	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\overline{)}$		78.33	76.20	30	62	8-146497-1	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\overline{)}$		75.79	73.66	29	60	8-146497-0	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\overline{)}$		73.25	71.12	28	58	7-146497-9	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\overline{)}$	\wedge	70.71	68.58	27	56		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\overline{)}$		68.17	66.04	26	54		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			65.63	63.50		52		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			63.09	60.96				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		$\overline{\qquad}$	60.55	58.42				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			58.01	55.88				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			55.47	53.34				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			52.93	50.80				<u>/5</u>
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			50.39	48.26				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		$\overline{\qquad}$	47.85	45.72				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$								
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$								
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$								
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			[1.584]	[1.500]				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		<u></u>	[1.484]	[1.400]				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		<u>_6</u>	[1.384]	[1.300]				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		<u></u>	[1.284]	[1.200]				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		<u>_6</u>	[1.184]	[1.100]				
ZA Z6A [.984] [.900] 9 20 6-146497-0 ZA Z245 20.32 8 18 5-146497-9 ZA GA [.784] [.700] 7 16 5-146497-8 ZA GA [.784] [.700] 7 16 5-146497-8 ZA GA [.784] [.700] 7 16 5-146497-8 ZA GA [.784] [.600] 6 14 5-146497-7 ZA GA [.584] [.600] 6 14 5-146497-7 ZA GA [.584] [.500] 5 12 5-146497-6 ZA GA [.229] 10.16 4 10 5-146497-5 ZA GA [.384] [.300] 3 8 5-146497-4 ZA GA [.384] [.200] 2 6 5-146497-3 ZA GA [.184] [.100] 1 4 5-146497-2 ZA GA [.184] [.100] 1 4 5-146		<u>_6</u>	[1.084]	[1.000]			6-146497-1	
Z7 Z6 [.884] [.800] 0 10 3-146497-9 Z7 Z6 [.784] [.700] 7 16 5-146497-8 Z7 Z6 [.784] [.600] 6 14 5-146497-7 Z7 Z6 17.37 [.684] [.600] 6 14 5-146497-7 Z7 Z6 14.83 12.70 5 12 5-146497-6 Z7 Z6 [.584] [.500] 5 12 5-146497-6 Z7 Z6 [.484] [.400] 4 10 5-146497-5 Z7 Z6 [.284] [.300] 3 8 5-146497-4 Z7 Z6 [.384] [.200] 2 6 5-146497-4 Z7 Z6 [.284] [.200] 2 6 5-146497-3 Z7 Z6 [.184] [.100] 1 4 5-146497-2 Z7 Z6 Z.13 - - 2 5-146497-1 Z7 Z6 Z.13 - - <t< td=""><td></td><td><u></u></td><td>[.984]</td><td>[.900]</td><td></td><td></td><td></td><td></td></t<>		<u></u>	[.984]	[.900]				
71 761 [.784] [.700] 7 16 3-146497-8 72 6 17.37 15.24 6 14 5-146497-7 72 6 [.684] [.600] 6 14 5-146497-7 73 6 [.584] [.500] 5 12 5-146497-6 74 6 [.484] [.400] 4 10 5-146497-5 74 6 [.484] [.400] 4 10 5-146497-4 75 7.62 3 8 5-146497-4 74 6 [.284] [.300] 3 8 5-146497-4 75 7.62 3 8 5-146497-4 5 75 7.62 3 8 5-146497-4 74 6 [.284] [.200] 2 6 5-146497-3 75 7.62 3 8 5-146497-3 5 5 75 6 [.284] [.200] 1 4 5-146497-2 74 6 [.184] [.100]		<u>_6</u>	[.884]	[.800]		18	5-146497-9	
71 76 [.684] [.600] 0 14 3-148497-7 71 76 [.584] [.500] 5 12 5-146497-6 71 76 [.484] [.400] 4 10 5-146497-5 71 76 [.484] [.400] 4 10 5-146497-5 71 76 [.384] [.300] 3 8 5-146497-4 71 76 [.384] [.200] 2 6 5-146497-4 72 76 [.284] [.200] 2 6 5-146497-4 72 76 [.284] [.200] 2 6 5-146497-4 73 76 [.184] [.100] 1 4 5-146497-2 74 76 [.184] [.100] 1 4 5-146497-2 74 76 [.184] [.100] 1 4 5-146497-1 75 76 [.084] - - 2 5-146497-1 75 76 [.084] - - 2 <td< td=""><td></td><td><u>_6</u></td><td>[.784]</td><td>[.700]</td><td>7</td><td>16</td><td>5-146497-8</td><td></td></td<>		<u>_6</u>	[.784]	[.700]	7	16	5-146497-8	
71 76 [.584] [.500] 5 12 5-146497-6 71 76 [.484] [.400] 4 10 5-146497-5 71 76 [.384] [.300] 3 8 5-146497-4 71 76 [.384] [.300] 3 8 5-146497-4 71 76 [.284] [.200] 2 6 5-146497-4 72 76 [.284] [.200] 2 6 5-146497-3 72 76 [.284] [.200] 2 6 5-146497-3 73 76 [.284] [.200] 2 6 5-146497-3 74 76 [.184] [.100] 1 4 5-146497-2 74 76 [.084] - - 2 5-146497-1 75 7.62 [.084] - - 2 5-146497-1 75 76 [.184] [.100] 1 4 5-146497-1 76 [.084] - - 2 5-146497-1 </td <td></td> <td>6</td> <td>[.684]</td> <td>[.600]</td> <td>6</td> <td>14</td> <td>5-146497-7</td> <td></td>		6	[.684]	[.600]	6	14	5-146497-7	
71 76 [.484] [.400] 4 10 3-146497-3 71 76 [.384] [.300] 3 8 5-146497-4 71 76 [.284] [.200] 2 6 5-146497-3 71 76 [.284] [.200] 2 6 5-146497-3 71 76 [.184] [.100] 1 4 5-146497-2 71 76 [.184] [.100] 1 4 5-146497-2 72 76 [.184] [.100] 1 4 5-146497-2 72 76 [.084] - - 2 5-146497-1 73 76 [.084] - - 2 5-146497-1 74 76 [.084] - - 2 5-146497-1 74 76 [.084] - - 2 5-146497-1 75 76 [.084] - - 2 5-146497-1 75 76 [.084] - - 2 5-146497-1 </td <td></td> <td>6</td> <td>[.584]</td> <td>[.500]</td> <td>5</td> <td>12</td> <td>5-146497-6</td> <td></td>		6	[.584]	[.500]	5	12	5-146497-6	
71 76 [.384] [.300] 5 6 5-146497-4 71 7.21 5.08 2 6 5-146497-3 71 7.284] [.200] 2 6 5-146497-3 71 7.6 1.284] [.200] 1 4 5-146497-2 71 7.6 1.184] [.100] 1 4 5-146497-2 72 7.6 2.13 - - 2 5-146497-1 72 7.6 2.13 - - 2 5-146497-1 73 7.6 1.084] - - 2 5-146497-1 74 7.6 1.084] - - 2 5-146497-1 74 7.6 1.084] - - 2 5-146497-1 75 7.084 - - 2 5-146497-1 - 75 7.084 - - 2 5-146497-1 - 76 1.084 - - 2 5-146497-1 - 76 1.084		6	[.484]	[.400]	4	10	5-146497-5	
ZA Z6A [.284] [.200] Z 6 5-146497-3 A A.67 2.54 1 4 5-146497-2 A G 2.13 - - 2 5-146497-1 A G 2.13 - - 2 5-146497-1 A G F E NO. OF PART NUMBER P REMARKS PLATING G F E NO. OF PART NUMBER P		<u>6</u>	[.384]	[.300]	3	8	5-146497-4	
ZA Z6A [.184] [.100] I 4 3-140497-2 A 2.13 - - 2 5-146497-1 A G F E NO. OF PART NUMBER P REMARKS PLATING G F E NO. OF PART NUMBER P		6	[.284]	[.200]	2	6	5-146497-3	
ZZ Z6 [.084] - - Z 3-146497-1 REMARKS PLATING G F E NO. OF POSITIONS PART NUMBER P		6	[.184]		1	4	5-146497-2	
REMARKS FLATING G F E POSITIONS PART NUMBER F		6		_ _	_	2	5-146497-1	
	REMARKS	PLATING	G	F	E		PART NUMBER	PLA ⁻
								THIS DRAWING IS A CO

DIMENSIONS: mm [INCHES]

MATERIAL

						1				, -
		\mathbf{Y}	101.19 [3.984]	99.06 [3.900]	3	9	80	4-146497-0	
	5	\sum	98.65 [3.884	.]	96.52 [3.800]	3	8	78	3-146497-9	
	\int_{5}	\sum	96.11 [3.784	.]	93.98 [3.700]	3	7	76	3-146497-8	
	\int_{5}	\sum	93.57 [3.684	.]	91.44 [3.600]	3	6	74	3-146497-7	
	5		91.03 [3.584	.]	88.90 [3.500]	3	5	72	3-146497-6	
	5		88.49 [3.484	.]	86.36 [3.400]	3	4	70	3-146497-5	
	5		85.95 [3.384	 .]	83.82 [3.300]	3	3	68	3-146497-4	
	5		83.41 [3.284	_	81.28 [3.200]	3	2	66	3-146497-3	
		\rightarrow	80.87 [3.184		78.74 [3.100]	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5 1	64	3-146497-2	
	/5		78.33	_	76.20	3	0	62	3-146497-1	
		Δ	75.79		_73.66 _	2	9	60	3-146497-0	
		Δ	[2.984		[2.900]		8	58	2-146497-9	ľ
	<u></u>		[2.884		[2.800] 68.58		7	56	2-146497-8	
	<u></u>	<u> </u>	[2.784 _68.17		[2.700]		6	54	2-146497-7	
	<u></u>		[2.684 65.63	_	[2.600] 63.50		5	52	2-146497-6	
			[2.584 63.09	.]	[2.500] 60.96					
	<u></u>		[2.484 60.55		[2.400] 58.42		4	50	2-146497-5	•
	<u></u>		[2.384 58.01	.]	[2.300] 55.88		3	48	2-146497-4	
			[2.284 55.47	.]	[2.200] 53.34		2	46	2-146497-3	
			[2.184	.]	[2.100]	2	21	44	2-146497-2	
			52.93 [2.084	.]	50.80	2	0	42	2-146497-1	
		\sum	50.39 [1.984]	48.26 [1.900]	1	9	40	2-146497-0	_
		\mathbf{Y}	47.85 [1.884]	45.72 [1.800]	1	8	38	1-146497-9	
	5	\sum	45.31 [1.784	.]	43.18 [1.700]	1	7	36	1-146497-8	
	\int_{5}	\sum	42.77 [1.684	.]	40.64 [1.600]	1	6	34	1-146497-7	
	\int_{5}	\sum	40.23 [1.584	.]	38.10 [1.500]	1	5	32	1-146497-6	
	5		37.69 [1.484	.]	35.56 [1.400]	1	4	30	1-146497-5	
	5			.]	 33.02 [1.300]	1	3	28	1-146497-4	
	5			- .]	30.48 [1.200]	1	2	26	1-146497-3	
					27.94 [1.100]	1	1	24	1-146497-2	
	<u></u>		27.53 [1.084		25.40	1	0	22	1-146497-1	
			24.99 [.984]	_	22.86 [.900]		9	20	1-146497-0	
	<u></u>	Δ	22.45		20.32	8	3	18	146497-9	
_			[.884]		[.800]	-	7	16	146497-8	
	<u></u>		[.784		[.700] 15.24		5	14	146497-7	
	<u></u>	<u> </u>	[.684] 14.83		[.600] 12.70		5	12	146497-6	
	<u></u> 		<u>[.584</u>] 12.29]	[.500] 10.16				146497-5	
	<u></u> 		[.484] 9.75]	[.400] 7.62		1	10		
_	<u></u>		[.384] 7.21		[.300]		3	8	146497-4	
	<u></u>		(.284) (.284) 4.67		[.200] 2.54		2	6	146497-3	
			2.13]	[.100]		<u> </u>	4	146497-2	
	<u>_5</u>		2.13			-	_	2	146497-1	
	PLAT		G	DWA	F	21APR05		NO. OF POSITIONS	PART NUMBER	
	NG IS A COM			DWN R CHK	BROWN	21APR05 21APR05		Z TE	TE Connectivity	
mm [INCHES]				GESFORD	21APR05	NAME				
1 PLC ± - 2 PLC ± 0.51[.02]				DUCT SPEC			STACKING,	STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED		
Ψ	A	SPLC ± PLC ± NGLES	0.127[.005] 0.0127[.0005] ± -							
FINISH SEE TAE		ABLE	WEIGHT _ A1 00779 C-146497 - CUSTOMER DRAWING SCALE 4.1 SHEET 1 OF 1 REV P							
					JI JWILIN DIA				4:1 31121 1 1 P]

REVISIONS AD OO PLTR DESCRIPTION DATE DWN AP\ 11MAR11 RK HMF P REVISED PER ECO-11-004820

Mouser Electronics

Authorized Distributor

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TE Connectivity: 8-146497-7