	8	I		7	6	5	4	1	3	2	1		
POSITIONS		MM+0 20		B		UMBER CODING				REVISIONS		1	_
02/04	INCH±.008 0.050	MM±0.20 1.27	0.100	2 MM±0.30 2.54				REV.	ECO. NO	DESCRIPTION	DATE	BY	_
03/06	0.100	2.54	0.150	3.81	GRPB	_2VWQS-M81R0		A	1837	INITIAL RELEASE	09/06/2010	LH	
04/08	0.150	3.81 5.08	0.200	5.08 6.35									F
F 06/12	0.250	6.35	0.300	7.62									
07/14	0.300	7.62	0.350	8.89	L	— <u>NUMBER OF P</u>	<u>DSITIONS</u>						
08/16 09/18	0.350	8.89 10.16	0.400	10.16 11.43		(CONTACTS PER ROW,	2 THRU 50)						
10/20	0.450	11.43	0.500	12.70		, , , , , , , , , , , , , , , , , , ,	·						
11/21 12/24	0.500	12.70 13.97	0.550	13.97 15.24									
12/24	0.600	15.24	0.650	16.51									
14/28	0.650	16.51	0.700	17.78							\geq		
15/30 E 16/32	0.700	17.78 19.05	0.750	19.05 20.32	PIN 1	В		050	[1 77]		A A A		E
17/34	0.800	20.32	0.850	21.59			►	.050	[1.27]				
18/36 19/38	0.850	21.59 22.86	0.900	22.86 24.13			─── ─────────────────────────────────		V				
20/40	0.900	24.13	1.000	25.40]			.134	3.40]	Ý			
21/42	1.000	25.40	1.050	26.67			<u> </u>					<i>y</i>	
22/44	1.050 1.100	26.67 27.94	1.100 1.150	27.94 29.21									
24/48	1.150	29.21	1.200	30.48									
25/50 26/52	1.200 1.250	30.48 31.75	1.250 1.300	31.75 33.02		A							
D 27/54	1.300	33.02	1.350	34.29									D
28/56 29/58	1.350 1.400	34.29 35.56	1.400 1.450	35.56 36.83		→ .236[6	5.00] -						
30/60	1.450	36.83	1.500	38.10	_	050[1.27]	→ - □.016[0.40]			→ .197[5.00]			
31/62	1.500	38.10	1.550	39.37				1					
32/64 → 33/66	1.550 1.600	39.37 40.64	1.600 1.650	40.64 41.91									
34/68	1.650	41.91	1.700	43.18				.118[3	.00]	.236[6.00]			
35/70 36/72	1.700 1.750	43.18 44.45	1.750 1.800	44.45 45.72	Γ			▲	070		00450 401		
37/74	1.800	45.72	1.850	46.99		****					004[0.10]		
C 38/76	1.850	46.99 48.26	1.900	48.26				L039[1	.00]				С
39/78 40/80	1.900 1.950	49.53	1.950 2.000	49.53 50.80						→ .201[5.10]			
41/82	2.000	50.80	2.050	52.07		Δ							
42/84 43/86	2.050 2.100	52.07 53.34	2.100 2.150	53.34 54.61			V						
- 44/88	2.150	54.61	2.200	55.88		► .050[1.27] _	→ 030[0.76]						\vdash
45/90 46/92	2.200 2.250	55.88 57.15	2.250 2.300	57.15 58.42			-						
47/94	2.300	58.42	2.350	59.69	↑			.087[2.2	0]				
48/96 _B 49/98	2.350 2.400	59.69 60.96	2.400 2.450	60.96 62.23	.232 [5.90]		$\neg \sqcup \downarrow \downarrow \downarrow \downarrow $						
в 49/98 50/100	2.400	62.23	2.430	63.50				.059[1.	50]				В
NOTES:						$\cdot \downarrow \downarrow \downarrow \sqcup `` `` `` `` `` $	$\neg \cup \downarrow \downarrow$		1				
1. INSULAT	OR MATERIAL			SECONDS M	λΧ.								
	T MATERIAL:	(26		SECONDS M		RECOMMENDED	PCB LAYOUT						
3. PLATING	: Gold Flash Ing Tempera	I OVERALL.	C TO +105°	° C.									
5. INSULAT 6. CONTAC	OR RESISTAN T RESISTANCI	CE: 5000 M E: 20 MILLI	iega ohm m Ohms max.	1IN.									
7. DIELECT 8. UL FLAM	RIC WITHSTA	NDING: AC FING: 94V-(C 500V.							DRAWN DATE NAME			1
9. CURREN	T RATING: 1 A ATION: WITH F	MP.		E & REEL.				UNLESS OTHERW DIMENSIONS ARE	IN INCHES [MM]		ULLINS ECTOR SOLUTIONS		
*INDICATE) TEMPERATU	RE AND TII	ME IS FOR C	OMPONENT	NSULATOR.			TOLERANCES: AN .XX=± .01 .XXX=± .0 .XXXX=± .0	IGULAR: ± 30'	PROPIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY	ALE HEADER, SM	NT T&R	A
HIGHER PE PROVIDED	ROCESSING TI HEAT IS APP	EMPERATU	Res may be back side	USED, OF PCB, AND			Υ		004 [.10]	AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.	32VWQS-M8	1RC	
DOES NOT	EXCEED IND	icated tei	MPERATURE	AND TIME.				INTERPRET DIME TOLERA PER: ASME Y	NCING	SIZE CAGE CODE DWC	<u>5. NO.</u> 11575	REV	′
		I					Rohs Compliant				SHEET 1 OF		

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FILE NAME: 11575, GRPB_2VWQS-M81RC

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NOTE:

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NOTE:
1. 10 SPROCKET HOLES PITCH CUMULATIVE TOLERANCE ± 0.20mm.
2. CARRIER CAMBER IS 1mm IN 100mm.
3. A0 AND B0 MEASURED ON A PLANE 0.3mm ABOVE THE BOTTOM OF THE POCKET.
4. K0 MEASURED FROM A PLANE ON THE INSIDE BOTTOM OF THE POCKET TO THE TOP SURFACE OF THE CARRIER.
5. PACKING CONFORMS EIA-481-2 STANDARDS.
6. 13" REEL= 10.5 METER, 800 PIECES.

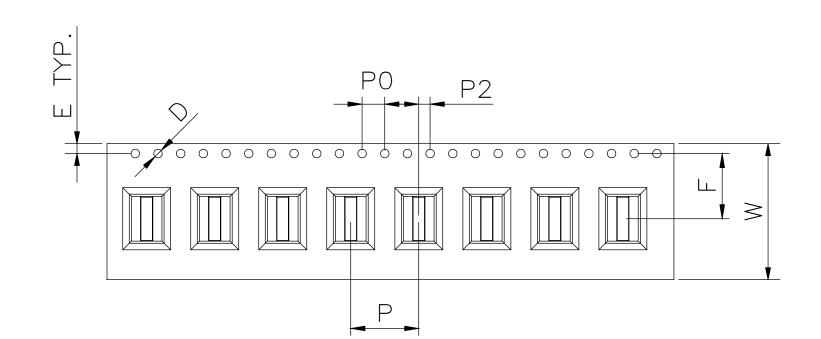
POSITIONS/	DIMENSIONS (unit: mm)			POSITIONS/	DIMENSIONS (unit: mm)		
CONTACTS	W	B0	F	CONTACTS	W	B0	F
02/04	12	2.8	5.5	20/40	44	25.7	20.2
03/06	12	4.1	5.5	21/42	44	26.9	20.2
04/08	16	5.4	7.5	22/44	56	28.2	26.2
05/10	16	6.6	7.5	23/46	72	29.5	34.2
06/12	24	7.9	11.5	24/48	72	30.7	34.2
07/14	24	9.1	11.5	25/50	72	32.0	34.2
08/16	24	10.4	11.5	26/52	72	33.3	34.2
09/18	24	11.7	11.5	27/54	72	34.5	34.2
10/20	24	13.0	11.5	28/56	72	35.8	34.2
11/22	32	14.2	14.2	29/58	72	37.1	34.2
12/24	32	15.5	14.2	30/60	88	38.4	42.2
13/26	32	16.8	14.2	31/62	88	39.6	42.2
14/28	32	18.0	14.2	32/64	88	40.9	42.2
15/30	44	19.3	20.2	33/66	88	42.1	42.2
16/32	44	20.6	20.2	34/68	88	43.4	42.2
17/34	44	21.8	20.2	35/70	88	44.7	42.2
18/36	44	23.1	20.2	36/72	88	46.0	42.2
19/38	44	24.4	20.2	37/74	88	47.2	42.2

DEVICE TYPE: GRPB__2VWQS-M81RC

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DIMENSIONS A0 ±0.1 K0 (unit:mm) 5.4 6.

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81.5±0.2 \bigcirc \square



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	CARRIER TAPE						
Α	B ±0.5	C ±0.2	D ±1.0	N ±1.0	T ±0.1	G ±0.1	W
330	2.2	13	20.2	100	8.5	13.1	8
330	2.2	13	20.2	100	12.5	17.1	12
330	2.2	13	20.2	100	17.0	21.1	16
330	2.2	13	20.2	100	24.5	29.1	24
330	2.2	13	20.2	100	32.5	37.0	32
330	2.2	13	20.2	100	44.5	49.1	44
330	2.2	13	20.2	100	56.5	61.1	56
330	2.2	13	20.2	100	72.5	77.1	72
330	2.2	13	20.2	100	88.5	93.1	88

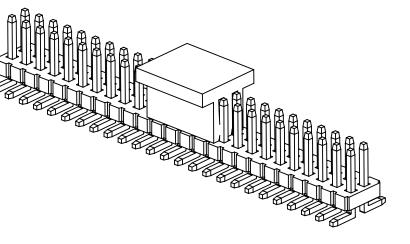
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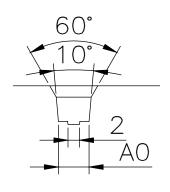
GRPB__2VWQS-M81RC

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±0.1	P ±0.1	E ±0.1	D +0.1/-0.0	P0 ±0.1	P2 ±0.1
5.3	12	1.75	1.5	4.0	2.0

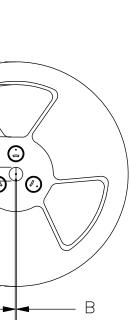


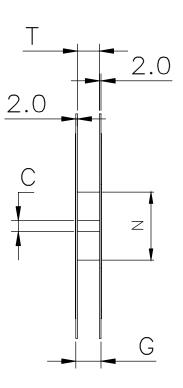
D

С

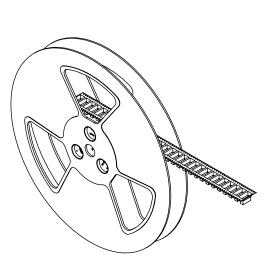
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.09 \bigcirc 6.3





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		DRAWN	DATE	NAME			—		
	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	9/6/2010 LH							
	TOLERANCES: ANGULAR: ± 30' .XX=± .012 [.30] .XXX=± .008 [.20] .XXXX=± .004 [.10]	SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY		TITLE .050" DUA PART NUMBER	AL RO	W MALE I	HEADER, SM		
ANT	INTERPRET DIMENSIONS AND TOLERANCING PER: ASME Y14.5M-2009				SIZE CAGE C 544 SCALE: 8:1		DWG. NO.	11575 SHEET 2 OF 2	2 REV

FILE NAME: 11575, GRPB_ _2VWQS-M81RC

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