

	0.10µF ±10%	1			
CAP CER	50V Ceramic Capacitor			CAP CER	
0.1UF 50V	X7R 0603			0.1UF 50V	
10% X7R 0603	(1608 Metric)	C1, C3	CAP, 0603	10% X7R 0603	
	20pF ±5% 50V Coramic				
CAP CER 20PF 50V	Capacitor			CAP CER 20PF 50V	
±5% COG/NP0	COG, NPO 0603 (1608	l	ĺ	±5% C0G/NP0	
0603	0603 (1608 Metric)	C2, C4	CAP, 0603	0603	
	0.1µF ±10% 100V				
	Ceramic				
CAP CER 0.1UF 100V	Capacitor X7R 0805			CAP CER 0.1UF 100V	
10% X7R 0805	(2012			10% X7R	
	Metric) Diode	CS	CAP, 0805	0805	
	Schottky				
SCHOTTKY	40V 3A Surface			DIODE	
40V 3A DD- 214AA (SMB)	Mount DO-		DO.2148A	40V 3A DO-	
	214AA (SMB)	D1	DO-214AA Diode	214AA (SMB)	
DIODE	Zener Diode 16V 5W			DIODE	
ZENER 16V	±5% Surface			ZENER 16V	
SW DO- 214AA (SMB)	Mount DO- 214AA		DO-214AA	5W DO- 214AA	
	(SMB)	D2	Diode	(SMB)	
	Green 572nm LED				
	Indication -	l	l	1	
LED GREEN CLEAR 2V 0603	Discrete 2V 0603 (1608			LED GREEN CLEAR 2V	
	Metric)	LED1	LED_0603	0603	
	Yellow 590nm LED				
LED	Indication -			LED	
YELLOW CLEAR 2.1V	Discrete 2V 0603 (1608			YELLOW CLEAR 2.1V	
0603	Metric) 50 Position	LED2, LED3	LED_0603	0603	
	Connector				
CONN	Plug, Outer Shroud			CONN	
50POS	Contacts		CONN,	50POS	
Bergstak Plug 0.02* CONN 2POS ULTRA-FIT 0.138*	Surface Mount Gold	P1	Bergstak 50 Pos Plug	Bergstak Plug 0.02°	
	2 Positions				
	Header, Shrouded				
	Connector 0.138"	l	l	1	
	(3.50mm)		CONN,	CONN 2POS	
	Through Hole Gold	P2	2POS ULTRA FIT	ULTRA-FIT 0.138"	
	2 Positions Header,				
	Shrouded				
CONN 2POS ULTRA-FIT	Connector 0.138"		CONN, 2POS ULTRA	CONN 2POS ULTRA-FIT	
NATURAL	(3.50mm)		FIT -	NATURAL	
COLOR 0.138"	Through Hole	P3, P4	NATURAL COLOR	COLOR 0.138"	
	2 Positions				
	Header, Shrouded				
	Connector	l	l	l	ı
	0.079" (2.00mm)				
			CONN, 2POS Duras	CONN 2POS	
Dura-Clik	(2.00mm) Surface Mount, Vertical Tin	PS PS	CONN, 2POS Dura- Click Vertical	CONN 2POS DURA-CLIK 0.079" VERT	
Dura-Clik	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header	PS	2POS Dura-		
Dura-Clik	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector	PS PS	2POS Dura-		
Dura-Clik	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079" (2.00mm)	PS	2POS Dura- Click Vertical CONN,	0.079" VERT	
Dura-Clik	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079" (2.00mm) Surface	PS PS	2POS Dura- Click Vertical CONN, 4POS DURA-	0.079" VERT  CONN 4POS  DURA-CLIK	
Dura-Clik MOSFET N-	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079" (2.00mm)	P5	2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N-	CONN 4POS DURA-CLIK 0.079"	
Dura-Clik MOSFET N- CH 30V 8.7A	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079" (2.00mm) Surface	PS P6	2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A	CONN 4POS DURA-CLIK 0.079" MOSFET N- CH 30V 8.7A	
Dura-Clik MOSFET N-	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079° (2.00mm) Surface Mount Tin	P5 P6 Q1, Q2	2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N-	CONN 4POS DURA-CLIK 0.079"	
Dura-Clik MOSFET N- CH 30V 8.7A 2.1W 6-	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079" (2.00mm) Surface	P5	2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmx2mm	CONN 4POS DURA-CLIK 0.079° MOSFET N- CH 30V 8.7A 2.1W 6-	
Dura-Clik MOSFET N- CH 30V 8.7A 2.1W 6-	(2.00mm) Surface Mount, Mount, Positions Header Connector 0.079° (2.00mm) Surface Mount Tin	P6	2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmx2mm	CONN 4POS DURA-CLIK 0.079° MOSFET N- CH 30V 8.7A 2.1W 6-	
Dura-Clik MOSFET N- CH 30V 8.7A 2.1W 6-	(2.00mm) Surface Mount, Worlical Tin 4 Positions Header Connector 0,079" (2.00mm) Surface Mount Tin 47k Chm ±1% 0.11W,	P5	2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmx2mm	CONN 4POS DURA-CLIK 0.079° MOSFET N- CH 30V 8.7A 2.1W 6-	
Dura-Clik MOSFET N- CH 30V 8.7A 2.1W 6- POFN (2x2)	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079" (2.00mm) Surface Mount Tin 4.7k Ohm ±1% 0.1W, 1/10W Chip Resistor 0.603 (1608 Metric)	P6	2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmx2mm	0.079" VERT  CONN 4POS DURA-CLIK 0.079" MOSFET N- CH 30V 8.7A 2.1W 6- POFN (2x2)	
Dura-Clik MOSFET N- CH 30V 8-7A 2.1W 6- POFN (2x2) RES 4.7K OHM 1%	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079° (2.00mm) Surface Mount Tin 4.7k Ohm ±196 0.1W, 1/10W Chip Resistor 0e03 (1608 Metric) Moisture Resistant		2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmx2mm POFN	CONN 4POS DURA-CLIK 0.079" MOSFET N- CH 30V 8.7A 2.1W 6- POFN (2x2)	
Dura-Clik MOSFET N- CH 30V 8-7A 2.1W 6- POFN (2x2) RES 4.7K OHM 1%	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079° (2.00mm) Surface Mount Tin 4.7k Ohm ±1% OlW, 1/10W Chip Resistor 0603 (1608 Metric) Moisture	P5 P6 O1, O2 R1, R2, R3	2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmx2mm	CONN 4POS DURA-CLIK 0.079° MOSFET N- CH 30V 8.7A POFN (2x2)	
Dura-Clik MOSFET N- CH 30V 8.7A 2-1W 6- POFN (2x2)  RES 4.7K CHM 1% 1/10W 0603	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079* (2.00mm) Surface Mount Tin 4.7k Ohm ±1% 0.1W, 1/10W Chip Resistor 0.003 (fe08 Metric) Moisture Resistant Thick Film RES SMD 1KK OHM RES SMD		2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmx2mm POFN	CONN 4POS DURA-CLIK 0.079" MOSFET N- CH 30V 8.7A 2.1W 6- POFN (2x2) RES 4.7K OHM 1% 1/10W 0603	
Dura-Clik MOSFET N- CH 30V 8.7A CH 30V 8.7A CH 90FN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	(2.00mm) Surface Mount, Vertical Tin 4 Positions Heador Connector 0.079" (2.00mm) Surface Mount Tin 4.7k Ohm ± 1% 0.1W, 1/10W Chip Resistor 0603 (1608 Moisture Resistant Thick Film RES SMD 106 OHM 1% 1/10W OHM	R1, R2, R3	2POS Dura- Click Vertical  CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmv.2mm POFN  RES, 0603	CONN 4POS DURA-CLIK 0.079° NOSSET N- CH 30V 8.7A 2.1W 6- POFN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	
Dura-Clik MOSFET N- CH 30V 8.7A 2-1W 6- POFN (2x2)  RES 4.7K CHM 1% 1/10W 0603	(2.00mm) Surface Mount, Vertical Tin 4 Positions Header Commector 0.079° (2.00mm) Surface Mount Tin 4.7k Ohm ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Trick Film RES SMD 100.01M 1% 1/10W 0.00M 1% 1/10W 0603 1% 1/10W 0603		2POS Dura- Click Vertical CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmx2mm POFN	CONN 4POS DURA-CLIK 0.079" MOSFET N- CH 30V 8.7A 2.1W 6- POFN (2x2) RES 4.7K OHM 1% 1/10W 0603	
Dura-Clik MOSFET N- CH 30V 8.7A CH 30V 8.7A CH 90FN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	(2.00mm) Surface Mount, Vertical Tin 4 Positions Heador Connector 0.079° (2.00mm) Surface Mount Tin 4.7k Ohm 4.7k Ohm 198 0.1W, 1/10W Chip Resistor 0.603 (1608 Metric) Moisture Resistant Thick Film RES SMD 10K OHM 1% 1/10W	R1, R2, R3	2POS Dura- Click Vertical  CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmv.2mm POFN  RES, 0603	CONN 4POS DURA-CLIK 0.079° NOSSET N- CH 30V 8.7A 2.1W 6- POFN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	
Dura-Clik MOSFET N- CH 30V 8.7A CH 30V 8.7A CH 90FN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	COOmm) Surface Mount, Vertical Tin 4 Positions Header Connector 0.079° (2.00mm) Surface Mount Tin 4.7k Ohm a 1% 0.1W, 1/10W Chip Resistor 0.003 (1608 Metric) Moisture Resistor 100.01 (1608 Moisture Resistor 100.01 (1608 Moisture 100.01 (1608	R1, R2, R3	2POS Dura- Click Vertical  CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmv.2mm POFN  RES, 0603	CONN 4POS DURA-CLIK 0.079° NOSSET N- CH 30V 8.7A 2.1W 6- POFN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	
Dura-Clik MOSFET N- CH 30V 8.7A CH 30V 8.7A CH 90FN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	2 DOMPA)  A PostEnnis  A PostEn	R1, R2, R3	2POS Dura- Click Vertical  CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmv.2mm POFN  RES, 0603	CONN 4POS DURA-CLIK 0.079° MOSFET N CH 30V 87. A2.1W 6- POFN (2x2) RES 4.7K CHM 1% 1/10W 0603	
Dura-Clik MOSFET N- CH 30V 8.7A CH 30V 8.7A CH 90FN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	2 200mm) Surface Mount, Wortfact M 4 Prostlems Mandar 4 Prostlems Mandar 5 Mount M 5 M	R1, R2, R3	2POS Dura- Click Vertical  CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmv.2mm POFN  RES, 0603	0.079" VERT  CONN 4POS DURA-CLIK 0.079" NCH 30V 8.7A 2.1W 6- POEN (2x2)  RES 4.7K CHM 1% 1/10W 0603  RES 10K CHM 1% 1/10W 0603	
Dura-Clik MOSFET N- CH 30V 8.7A CH 30V 8.7A POFN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	2 200mm) Verical Tin  4 Prostitions  Workshift Tin  4 Prostitions  Connector	R1, R2, R3	2POS Dura- Click Vertical  CONN, 4POS DURA- CLIK VERT MOSFET N- CH 30V 12A 2mmv.2mm POFN  RES, 0603	CONN 4POS DURA-CLIK 0.079° MOSFET N CH 30V 87. A2.1W 6- POFN (2x2) RES 4.7K CHM 1% 1/10W 0603	
Dura-Clik MOSFET N- CH 30V 8.7A CH 30V 8.7A POFN (2x2) RES 4.7K OHM 1% 1/10W 0603 RES 10K OHM 1%	2 200mm) Surface Mount In In International Mount International Mount International International Mount International International Mount International Interna	R1, R2, R3	290S Duza- CICK Vertical  CONN, 490S DUZA- 490S DUZA- 490S DUZA- 490S DUZA- 50LIK VERT MODSET N-	CONN 4POS DURA-CLIK O/O79*  RES 4-7K CHM 1% 1/10W 0603  RES 10K CHM 1% 1/10W 0603	
Dura-Oik MOSPET N- 100 N- 20 N	2.00mm) Vertical Tin  Surface Mount,  4 Prestitions  Wertical Tin  4 Prestitions  Mount  4 Prestitions  Surface  Mount Tin  4 Prestitions  Mount Tin  4 Prestitions  Mount Tin  4 Prestitions  Mount Tin  Mount Tin  4 Prestitions  Mount Tin	R1, R2, R3 R4, R5	2905 Dura-Click Vertical CONN, 44905 DURA-CLIC WIRT MOSPET IN 401 30V T2A 20mm2/mm PONN RES, 0403 RES, 0403	CONN 4POS	
Dura-Cilk MOSPET N-H M M MOSPET N-H M M M MOSPET N-H M M M M M M M M M M M M M M M M M M M	2.00mm) Vertical Tin Vertical T	R1, R2, R3	290S Duza- CICK Vertical  CONN, 490S DUZA- 490S DUZA- 490S DUZA- 490S DUZA- 50LIK VERT MODSET N-	CONN 4POS DUBA-CLIK DUBA-CLIK OWN 5POS MOSTET N. 4POS MOSTET N. 4P	
Dbr2-CIR MOSET N	2 200mm) Vertical Tim Vertical	R1, R2, R3 R4, R5	2905 Dura-Click Vertical CONN, 44905 DURA-CLIC WIRT MOSPET IN 401 30V T2A 20mm2/mm PONN RES, 0403 RES, 0403	0.079" VERT  CONN 4POS  COURA-CLIK  COURA-	
DULFA-CIR. MOSSETT N. 2.1W 6- POSN (2x2) W6- POSN (2x2) W6- POSN (2x2) W6- POSN (2x2) W7- POSN (	2 200mm) Vertical Tin Array Stafface Mount, 4 Prostition Tin Array Stafface Mount, 4 Prostition Tin Array Stafface Mount, 4 Prostition Tin Array Stafface Mount Tin Common	R1, R2, R3 R4, R5	2905 Dura-Click Vertical CONN, 44905 DURA-CLIC WIRT MOSPET IN 401 30V T2A 20mm2/mm PONN RES, 0403 RES, 0403	CONN 4POS DUBA-CLIK DUBA-CLIK OWN 5POS MOSTET N. 4POS MOSTET N. 4P	
Dura-Cik MOSPET N- 1- 2-1W 6- POPN (2-2) RRES 4-7K POPN (2-2) RRES 1-0K POPN (3-2) RRES 1-0K	2 GOMPH) Surface Mount, A Prostitions A Prostition A Pro	R1, R2, R3 R4, R5 R6, R10	2POS DURA- CICK VERTICAL CONNI, 4POS DURA- 4POS DURA- 4POS DURA- 4POS DURA- 4POS DURA- 6POS DURA- 6	CONN 4PGS CONN 4PGS CURRA-CLIK CONN 4PGS CURRA-CLIK CURRA-CLIK CURRA-CLIK CURRA-CLIK CONN 17 C	
DUFF-CIR  CH 100 8 7A  CH 100 8 7A  CH 100 8 7A  CH 100 8 7A  RES 4 7K  RES 4 7K  RES 5 7A  RES 5 100  CHM 119	2 GOMPH) A STATE OF THE STATE O	R1, R2, R3  R4, R5  R6, R10  R7, R11  R8, R12	2905 Duranciak Vertical CCONN, 4905 DURAN 49	0.079* VERT CONN 4PG5 CONN	
DUFF-CIR  CH 100 8 7A  CH 100 8 7A  CH 100 8 7A  CH 100 8 7A  RES 4 7K  RES 4 7K  RES 5 7A  RES 5 100  CHM 119	2 GOMMA DESTREAM AND A STATE OF THE AND A STATE OF	R1, R2, R3 R4, R5 R6, R10	2POS DURA- CICK VERTICAL CONNI, 4POS DURA- 4POS DURA- 4POS DURA- 4POS DURA- 4POS DURA- 6POS DURA- 6	0.079" VERT CONN 4PGS CURRA-CLIK	
Dura-Cilk MOSPET N- CH 309 KB 70 POPN (222)  RES 4.7X CHM 119, TANN RES 10K RES	2 GOMMA DE COMMA DE C	R1, R2, R3  R4, R5  R6, R10  R7, R11  R8, R12	2905 Duranciak Vertical CCONN, 4905 DURAN 49	0.0797 VERT   CONN 4POS   CONN	
Dura-Cilk MOSPET N- CH 309 KB 70 POPN (222)  RES 4.7X CHM 119, TANN RES 10K RES	2 GOMPH) A STATE OF THE STATE O	R1, R2, R3 R4, R5 R4, R10 R7, R11 R8, R12 R9, R13	2905 Dept. Clock Verrical CoNN, Verrical 4905 Dept. CoNN,	0.079" VERT CONN 4PCS CONN	
Dura-Cilk MOSPET N- CH 309 K3 N	2 GOMMA DE COMMA DE C	R4. R5. R4. R5. R4. R10 R7. R11 R8. R12 R7. R11 R8. R12 R7. R13 R14 R15 R7. R13 R14 R15 R14 R14 R15 R14 R15 R14 R15 R14 R15 R14 R14 R15 R14	2905 Duranciak Vertical CCONN, 4905 DURAN 49	0.0797 VERT   CONNT 4F000 CONT   CONNT 4F000 CONT   CONT 10 CONT   CONT   CONT 10 CONT   CONT   CONT 10 CONT   CONT   CONT 10 CONT   CONT	
Dura-Cilk MOSPET N- CH 309 K3 N	2 GOMPH) A STATE OF THE STATE O	R1, R2, R3 R4, R5 R4, R10 R7, R11 R6, R12 R6, R13 R7, R11	2905 Dept. Clock Verrical CoNN, Verrical 4905 Dept. CoNN,	0.0797 VERT   CONNT 4F000 CONT   CONNT 4F000 CONT   CONT 10 CONT   CONT   CONT 10 CONT   CONT   CONT 10 CONT   CONT   CONT 10 CONT   CONT	
Dura-Cilk MOSPET N- CH 309 K3 N	2 GOMPH) A STATE OF THE STATE O	84, R5, R3, R1, R2, R3, R4, R15, R4, R15, R14, R15, R15, R14, R15, R14, R15, R15, R14,	2905 Dept. Clock Verrical CoNN, Verrical 4905 Dept. CoNN,	0.0797 VERT   CONNT 4F000 CONT   CONNT 4F000 CONT   CONT 10 CONT   CONT   CONT 10 CONT   CONT   CONT 10 CONT   CONT   CONT 10 CONT   CONT	
DUTS CIS. MOSPET IN C	2 common of the control of the contr	R1, R2, R3 R4, R5 R4, R10 R7, R11 R6, R12 R6, R13 R7, R11	29705 David COS Verrical COS Ve	0.079* VERT   CONN 4PCS   CONN 4PCS   CONP	
DATA CIS MOSPET IN COLOR OF CO	2 GOMBA COMMA CAN CAN CAN CAN CAN CAN CAN CAN CAN CA	R1, R2, R3 R4, R5 R4, R10 R7, R11 R6, R12 R7, R11 R7, R11 R7,	29705 Daris Cost Wirthold CONN, 49705 DURA 4	0079* VERT CONN 4PCS CURRAC-LIX 0079* CH 3079* IA H 307	
Dura CIS. MOSPET IN C 100 W 17A C 100 W 17	2 GOMPA CONTROL OF CONTROL OT CONTROL OF CONTROL OT CON	84, 810 84, 810 87, 811 88, 812 89, 813 814, 815 777, 779, 774, 777, 779, 779, 779, 779,	2005 2003  ESS 0603  ESS 0603  ESS 0603  ESS 0603	007P VERT CONN 4F05 CURRAC-LIK 007PV CONN 4F05 CURRAC-LIK 007PV CONN 5F07 CURRAC-LIK 007PV CONN 5F07 CONN	
Dura CIB  Dura CIB  AND SIGHT IN CIB  RES 4 TX  CHM 11%  RES 100  RES 100  CHM 11%  VITINO GGGD  RES 100  CHM 11%  VITINO GGGD  RES 100  CHM 11%  RES 100  C	2 COMMA  COMMO	R1, R2, R3 R4, R5 R4, R10 R7, R11 R6, R12 R7, R11 R7, R11 R7,	29705 DAYS COS VIPTICAL CONN, 44705 DURA; 44705 DURA; 64705 DURA;	CONN 4PGS COMP 4	