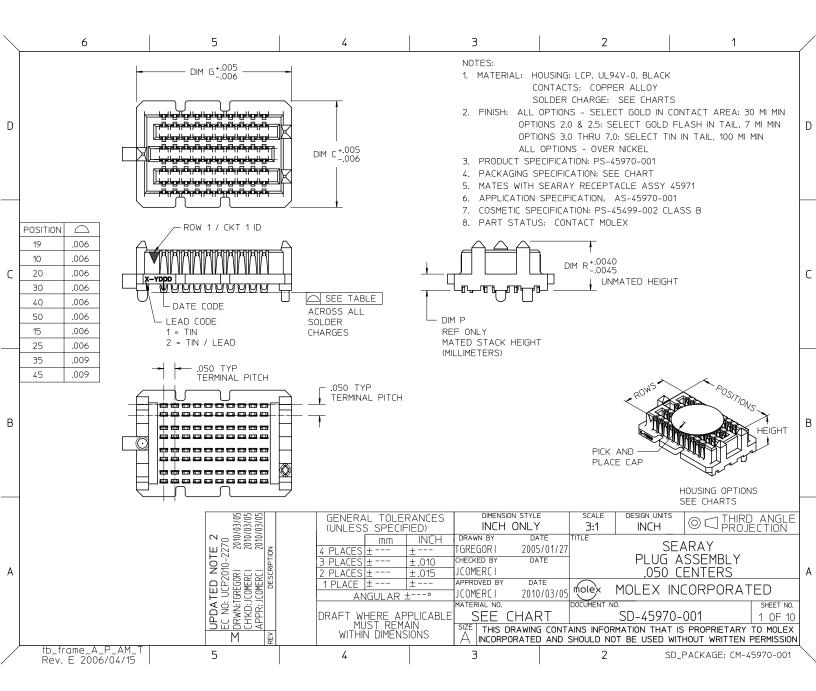


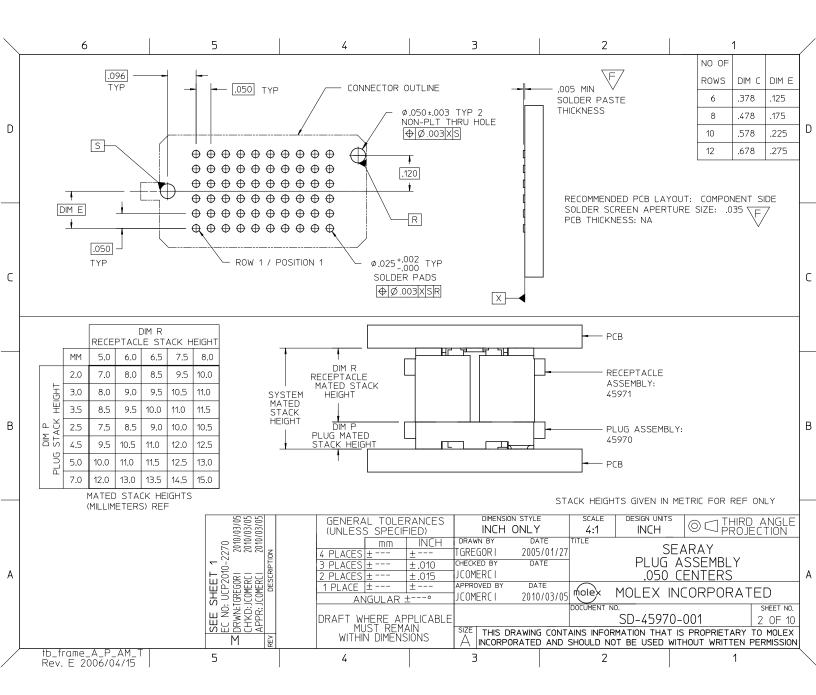
This document was generated on 05/25/2010 PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Status:AOverview:SeDescription:1.2	<mark>459702115</mark> <b>ctive</b> a <u>ray</u> 27mm (.050") x 1.27mm (.050") Pitch SEARAY* Plug, 200 Circuits, 2. Imated Height, 10 Rows, Lead Free	00mm (.078")
Documents: <u>3D Model</u> Drawing (PDF) Product Specification PS-4	Product Specification PS-45970-002 (F RoHS Certificate of Compliance (PDF) 45970-001 (PDF)	Series
Agency Certification		image - Reference only
CSA UL	LR19980 E29179	EU RoHS ELV and RoHS
<b>General</b> Product Family Series Application Overview Product Name	PCB Headers <u>45970</u> Board-to-Board <u>searay</u> SEARAY*	Compliant REACH SVHC Not Reviewed Halogen-Free Status Not Reviewed Need more information on product environmental compliance?
Physical Breakaway Circuits (Loaded) Circuits (maximum) Circuits Detail Color - Resin Durability (mating cycles n		Email <u>productcompliance@molex.com</u> For a multiple part number RoHS Certificate of Compliance, <u>click here</u> Please visit the <u>Contact Us</u> section for any non-product compliance questions.
First Mate / Last Break Flammability Glow-Wire Compliant Guide to Mating Part Keying to Mating Part	No 94V-0 No Yes None	Search Parts in this Series 45970Series
Lock to Mating Part Material - Metal Material - Plating Mating Material - Plating Termina	Yes Copper Alloy Gold tion Tin	Mates With <u>45971</u> SEARAY* Receptacle
Material - Resin Number of Rows Orientation PCB Locator PCB Retention PCB Thickness Recomme PCB Thickness Recomme Packaging Type Pitch - Mating Interface (in Pitch - Mating Interface (in Pitch - Term. Interface (in Pitch - Term. Interface (in Pitch - Term. Interface (in Plating min: Mating (µin) Plating min: Mating (µin) Plating min: Termination (in Plating min: Termination (in Plating min: Termination (in Plating Patrice (in Polarized to PCB	ended (mm) 1.60 mm Embossed Tape on Reel 0) 0.050 ln 1.27 mm 0) 0.050 ln m) 1.27 mm 30 0.75 µin) 100	

Robotic Placement Shrouded Stackable Surface Mount Compatible (SMC) Temperature Range - Operating Termination Interface: Style	Pick and Place Cap No No Yes -55°C to +125°C Surface Mount
Electrical Current - Maximum per Contact Voltage - Maximum	2.7A 240V AC
Solder Process Data Duration at Max. Process Temperature (seconds) Lead-free Process Capability Max. Cycles at Max. Process Temperature Process Temperature max. C	3 Reflow Capable (SMT only) 1 260
Material Info	
Reference - Drawing Numbers Application Specification Packaging Specification Product Specification Sales Drawing Test Summary *SEARAY is a trademark of Samtec, Inc.	AS-45970-002, AS-45970-990 PK-45970-001, PK-45970-002 PS-45970-001, PS-45970-002 SD-45970-001 TS-45970-001

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$\mathbf{r}$		DIM P:	0	2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM	l.	
	-	DIM R:		.221	.260	.280	.241	.319	.339	.418		
	H	POSITION		MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO			
	1-001	19	1.146	45970-0161	45970-0261	45970-0361	45970-0461	45970-0561	45970-0661	45970-0761		
	5	10	0.696	45970-1161	45970-1261	45970-1361	45970-1461	45970-1561	45970-1661	45970-1761		
D	-4597	20	1.196	45970-2161	45970-2261	45970-2361	45970-2461	45970-2561	45970-2661	45970-2761		D
	Ϋ́	30	1.696	45970-3161	45970-3261	45970-3361	45970-3461	45970-3561	45970-3661	45970-3761		
	PACK	40	2.196	45970-4161	45970-4261	45970-4361	45970-4461	45970-4561	45970-4661	45970-4761		
	₽	50	2.696	45970-5161	45970-5261	45970-5361	45970-5461	45970-5561	45970-5661	45970-5761		
	RAY	15	0.946	45970-6161	45970-6261	45970-6361	45970-6461	45970-6561	45970-6661	45970-6761		
_	Ĕ	25	1.446	45970-7161	45970-7261	45970-7361	45970-7461	45970-7561	45970-7661	45970-7761		_
	ŀ	35	1.946	45970-8161	45970-8261	45970-8361	45970-8461	45970-8561	45970-8661	45970-8761		
	ŀ	45	2.446	45970-9161	45970-9261	45970-9361	45970-9461	45970-9561	45970-9661	45970-9761		
			1	1			I			<u> </u>		
F	32	DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM		
c	Ξr	DIM R:		.221	.260	.280	.241	.319	.339	.418		C
	263	POSITION	DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO		
	5	19	1.146	45970-0165	45970-0265	45970-0365	45970-0465	45970-0565	45970-0665	45970-0765		
	- PK-	10	0.696	45970-1165	45970-1265	45970-1365	45970-1465	45970-1565	45970-1665	45970-1765		
	Ϋ́	20 1.196		45970-2165	45970-2265	45970-2365	45970-2465	45970-2565	45970-2665	45970-2765		
_	à	30	1.696	45970-3165	45970-3265	45970-3365	45970-3465	45970-3565	45970-3665	45970-3765		_
		40	2.196	45970-4165	45970-4265	45970-4365	45970-4465	45970-4565	45970-4665	45970-4765		
		50	2.696	45970-5165	45970-5265	45970-5365	45970-5465	45970-5565	45970-5665	45970-5765		
	AND	15	0.946	45970-6165	45970-6265	45970-6365	45970-6465	45970-6565	45970-6665	45970-6765		
	TAPE	25	1.446	45970-7165	45970-7265	45970-7365	45970-7465	45970-7565	45970-7665	45970-7765		
в	Τ	35	1.946	45970-8165	45970-8265	45970-8365	45970-8465	45970-8565	45970-8665	45970-8765		В
		45	2.446	45970-9165	45970-9265	45970-9365	45970-9465	45970-9565	45970-9665	45970-9765		
									NO SC	S SHEET CONTAINS D OF ROWS: 6 DLDER CHARGE: TI	THE FOLLOWING OPTIONS: IN AND TAPE AND REEL	
					270 2010/03/05 2010/03/05 2010/03/05		IERAL TOLERAN LESS SPECIFIED:		I ONLY DATE TI	SCALE DESIGN UN 4:1 INCH TLE		-
A					T 1 )10-2	3 PLA	.CES ± ± .CES ± ±.0 .CES ± ±.0	TGREGORI 10 CHECKED BY 15 JCOMERCI	2005/01/27 date	PLU	SEARAY G ASSEMBLY 0 CENTERS	A
					SHEE O: UCP20 0: UCP20 0: UCP20 0: UCOMERC 0: UCOMERC 0: UCOMERC	1 PL/	ACE ± ± ANGULAR ±		2010/05/05	DIEX MOLEX	INCORPORATED	_
					APPR REC N CH'KC		T WHERE APPLIC MUST REMAIN (ITHIN DIMENSIONS				170-001     3 OF 10       AT IS PROPRIETARY TO MOLEX       WITHOUT WRITTEN PERMISSION	:
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		DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM				
		DIM R:		.221	.260	.280	.241	3.19	.339	.418				
		POSITION		MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL					
	5	19	1.146	45970-0163	45970-0263	45970-0363	45970-0463	45970-0563	45970-066					
пΙ	-45971-001	10	0.696	45970-1163	45970-1263	45970-1363	45970-1463	45970-1563	45970-1663			D		
	597	20	1.196	45970-2163	45970-2263	45970-2363	45970-2463	45970-2563	45970-266					
		30	1.696	45970-3163	45970-3263	45970-3363	45970-3463	45970-3563	45970-3663					
	Ä	40	2.196	45970-4163	45970-4263	45970-4363	45970-4463	45970-4563	45970-4663					
	PACK	50	2.696	45970-5163	45970-5263	45970-5363	45970-5463	45970-5563	45970-5663					
		15	0.946	45970-6163	45970-6263	45970-6363	45970-6463	45970-6563	45970-6663					
	TRAY	25	1.446	45970-7163	45970-7263	45970-7363	45970-7463	45970-7563	45970-7663					
	F.	35	1.946	45970-8163	45970-8263	45970-8363	45970-8463	45970-8563	45970-8663					
		45	2.446	45970-9163	45970-9263	45970-9363	45970-9463	45970-9563	45970-9663	3 45970-9763				
							I I I I I I I I I I I I I I I I I I I							
	1-002	DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM				
	Ň	DIM R:		.221	.260	.280	.241	.319	.339	.418		C		
	459	POSITION		MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL					
	- Y	19	1.146	45970-0167	45970-0267	45970-0367	45970-0467	45970-0567	45970-0667					
		10	0.696	45970-1167	45970-1267	45970-1367	45970-1467	45970-1567	45970-1667					
	PACK	20	1.196	45970-2167	45970-2267	45970-2367	45970-2467	45970-2567	45970-2667					
		30	1.696	45970-3167	45970-3267	45970-3367	45970-3467	45970-3567	45970-3667					
	E E	40		40	2.196	45970-4167	45970-4267	45970-4367	45970-4467	45970-4567	45970-4667			
	AND	50	2.696	45970-5167	45970-5267	45970-5367	45970-5467	45970-5567	45970-5667					
		15	0.946	45970-6167	45970-6267	45970-6367	45970-6467	45970-6567	45970-6667					
	TAPE	25	1.446	45970-7167	45970-7267	45970-7367	45970-7467	45970-7567	45970-7662					
В	È.	35	1.946	45970-8167	45970-8267	45970-8367	45970-8467	45970-8567	45970-8662			B		
		45	2.446	45970-9167	45970-9267	45970-9367	45970-9467	45970-9567	45970-9667	7 45970-9767				
										HIS SHEET CONTAINS ROWS: 6 SOLDER CHARGE: TI				
					<u> </u>				SION STYLE	SCALE DESIGN UN	AND TAPE AND REEL			
					0/E0		IERAL TOLERAN LESS SPECIFIED		IONLY	4:1 INCH	ITS © ⊂ THIRD ANG PROJECTION			
					270 2010/03/05 2010/03/05 2010/03/05			ICH DRAWN BY	DATE	TITLE	SEARAY	<u> </u>		
					1 2 2 2 1 2 1 2		<u>CES ± ±</u>		2005/01/27 DATE		G ASSEMBLY			
A							. <u>CES ± ± .0</u> .CES ± ± .0		DATE		0 CENTERS	A		
					SEE SHEET 1 EC NO: UCP2010-2270 EDRWN:IGREGORI 2010/ CHYD:JCOMERCI 2010/ APPR.JCOMERCI 2010/ DESCRIPTION		ACE ± ± ANGULAR ±	- APPROVED BY	DATE 2010/03/05	MOLEV	INCORPORATED			
										DOCUMENT NO.	TO OO4			
						URAF	T WHERE APPLIC MUST REMAIN			SD-459				
					M A	1   W	ITHIN DIMENSIONS				AT IS PROPRIETARY TO MOL WITHOUT WRITTEN PERMISS			
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		DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM		Ĩ
		DIM R:		.221	.260	.280	.241	.319	.339	.418		
		POSITION	DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL N	MATERIAL NO		
	1-001	19	1.146	45970-0181	45970-0281	45970-0381	45970-0481	45970-0581	45970-0681	45970-0781		
_		10	0.696	45970-1181	45970-1281	45970-1381	45970-1481	45970-1581	45970-1681	45970-1781		
D	-4597	20	1.196	45970-2181	45970-2281	45970-2381	45970-2481	45970-2581	45970-2681	45970-2781		D
	PK-2	30	1.696	45970-3181	45970-3281	45970-3381	45970-3481	45970-3581	45970-3681	45970-3781		
		40	2.196	45970-4181	45970-4281	45970-4381	45970-4481	45970-4581	45970-4681	45970-4781		
	PACK	50	2.696	45970-5181	45970-5281	45970-5381	45970-5481	45970-5581	45970-5681	45970-5781		
		15	0.946	45970-6181	45970-6281	45970-6381	45970-6481	45970-6581	45970-6681	45970-6781		
	TRAY	25	1.446	45970-7181	45970-7281	45970-7381	45970-7481	45970-7581	45970-7681	45970-7781		-
		35	1.946	45970-8181	45970-8281	45970-8381	45970-8481	45970-8581	45970-8681	45970-8781		
		45	2.446	45970-9181	45970-9281	45970-9381	45970-9481	45970-9581	45970-9681	45970-9781		
										1	1	
	02	DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM		
С	1-002	DIM R:		.221	.260	.280	.241	.319	.339	.418		C
	4597	POSITION	DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO		
		19	1.146	45970-0185	45970-0285	45970-0385	45970-0485	45970-0585	45970-0685	45970-0785		
	풀	10	0.696	45970-1185	45970-1285	45970-1385	45970-1485	45970-1585	45970-1685	45970-1785		
	PACK	20	1.196	45970-2185	45970-2285	45970-2385	45970-2485	45970-2585	45970-2685	45970-2785		
		30	1.696	45970-3185	45970-3285	45970-3385	45970-3485	45970-3585	45970-3685	45970-3785		
		40	2.196	45970-4185	45970-4285	45970-4385	45970-4485	45970-4585	45970-4685	45970-4785		
	REI	50	2.696	45970-5185	45970-5285	45970-5385	45970-5485	45970-5585	45970-5685	45970-5785		
	AND	15	0.946	45970-6185	45970-6285	45970-6385	45970-6485	45970-6585	45970-6685	45970-6785		
		25	1.446	45970-7185	45970-7285	45970-7385	45970-7485	45970-7585	45970-7685	45970-7785		
В	TAPE	35	1.946	45970-8185	45970-8285	45970-8385	45970-8485	45970-8585	45970-8685	45970-8785		В
		45	2.446	45970-9185	45970-9285	45970-9385	45970-9485	45970-9585	45970-9685	45970-9785		
									NOT 1.	THIS SHEET CONTA ROWS: 8 SOLDER CHARGE:	NINS THE FOLLOWING OPTIONS TIN NYS AND TAPE AND REEL	
					225		ERAL TOLERAN		SION STYLE	SCALE DESIGN U		-
					03/00/00/00/00/00/00/00/00/00/00/00/00/0		ESS SPECIFIED		I ONLY	4:1 INCH		
A					E SHEET 1 No: UCP2010-2270 MN:TGREGOR1 2010/03/05 CD:JCOMERC1 2010/03/05 PR:JCOMERC1 2010/03/05 PR:JCOMERC1 2010/03/05	3 PLA 2 PLA	mm         IN           CES ±         ±           CES ±         ± .0           CES ±         ± .0           CES ±         ± .0           CES ±         ± .0	10 CHECKED BY 15 JCOMERCI	2005/01/27 date	.05	SEARAY JG ASSEMBLY 50 CENTERS	A
					APR	DRAF	ANGULAR ± ANGULAR ± T WHERE APPLIC MUST REMAIN ITHIN DIMENSIONS	ABLE	2010/03/05 DRAWING CONTA	NOCUMENT NO. SD-459 INS INFORMATION TH	(INCORPORATED 970-001 5 OF 10 HAT IS PROPRIETARY TO MOLEX	
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		DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 M	М	7.0 MM	L		Í
		DIM R:		.221	.260	.280	.241	.319	.339		.418			
		POSITION	DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATE	RIAL NO	MATERIAL NO			
	_	19	1.146	45970-0183	45970-0283	45970-0383	45970-0483	45970-0583	45970	)-0683	45970-0783			
	-001	10	0.696	45970-1183	45970-1283	45970-1383	45970-1483	45970-1583	45970	)-1683	45970-1783			
D	45971-	20	1.196	45970-2183	45970-2283	45970-2383	45970-2483	45970-2583	45970	)-2683	45970-2783			D
	-45	30	1.696	45970-3183	45970-3283	45970-3383	45970-3483	45970-3583	45970	)-3683	45970-3783			
	Ϋ́	40	2.196	45970-4183	45970-4283	45970-4383	45970-4483	45970-4583	45970	)-4683	45970-4783			
		50	2.696	45970-5183	45970-5283	45970-5383	45970-5483	45970-5583	45970	)-5683	45970-5783			
	PACK	15	0.446	45970-6183	45970-6283	45970-6383	45970-6483	45970-6583	45970	)-6683	45970-6783			
	≻	25	0.946	45970-7183	45970-7283	45970-7383	45970-7483	45970-7583	45970	)-7683	45970-7783			
	TRA	35	1.446	45970-8183	45970-8283	45970-8383	45970-8483	45970-8583	45970	)-8683	45970-8783			
		45	1.946	45970-9183	45970-9283	45970-9383	45970-9483	45970-9583	45970	)-9683	45970-9783			
	-002	DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 M	М	7.0 MM			
С	71-C	DIM R:		.221	.260	.280	.241	.319	.339		.418			C
	45971-	POSITION	DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATE	RIAL NO	MATERIAL NO			
	PK-4	19	1.146	45970-0187	45970-0287	45970-0387	45970-0487	45970-0587	45970	)-0687	45970-0787			
		10	0.696	45970-1187	45970-1287	45970-1387	45970-1487	45970-1587	45970	)-1687	45970-1787			
	PACK	20	1.196	45970-2187	45970-2287	45970-2387	45970-2487	45970-2587	45970	)-2687	45970-2787			
		30	1.696	45970-3187	45970-3287	45970-3387	45970-3487	45970-3587	45970	)-3687	45970-3787			
	REEL	40	2.196	45970-4187	45970-4287	45970-4387	45970-4487	45970-4587	45970	)-4687	45970-4787			
		50	2.696	45970-5187	45970-5287	45970-5387	45970-5487	45970-5587	45970	)-5687	45970-5787			
	AND	15	0.946	45970-6187	45970-6287	45970-6387	45970-6487	45970-6587	45970	)-6687	45970-6787			
	APE	25	1.446	45970-7187	45970-7287	45970-7387	45970-7487	45970-7587	45970	)-7687	45970-7787			
В	ΤA	35	1.946	45970-8187	45970-8287	45970-8387	45970-8487	45970-8587	45970	)-8687	45970-8787			В
U		45	2.446	45970-9187	45970-9287	45970-9387	45970-9487	45970-9587	45970	)-9687	45970-9787			
										F	IS SHEET CONTAIN ROWS: 8 SOLDER CHARGE: -	S THE FOLLOWING TIN / LEAD S AND TAPE AND F		
					/05	GEN	ERAL TOLERAN		SION STYLE		SCALE DESIGN UNI			-
A					SEE SHEET 1 EC NO: UCP2010-2270 EDRWN:IGREGORI 2010/03/05 CHYCD: JCOMERCI 2010/03/05 APPR: JCOMERCI 2010/03/05	4 PLA 3 PLA 2 PLA	CES ± ± - CES ± ± .C CES ± ± .C .CE ± ± -	VCH DRAWN BY TGREGOR I 010 CHECKED BY 015 JCOMERC I APPROVED BY	DA1	/01/27 re	PLU0 .050	I   © ⊂ PROJ SEARAY I ASSEMBLY I CENTERS INCORPORA	ECTION	A
							ANGULAR ±		2010	ןנטונטו 🗸	CUMENT NO.		SHEET NO.	-
					APPR APPR	DRAF	T WHERE APPLIC MUST REMAIN	CABLE SIZE THIS		CONT	SD-459		6 OF 10	
					M A	W	ITHIN DIMENSION					AT IS PROPRIETARY WITHOUT WRITTEN		1
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		DIM P:		2.0 MM	1	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 N	1M	7.0 MM	•		Í
		DIM R:		.221		.260	.280	.241	.319	.339		.418			
	5	POSITION	DIM G	MATER	RIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATE	ERIAL NO	MATERIAL NO			
	0-1	19	1.146	45970-	-0111	45970-0211	45970-0311	45970-0411	45970-0511	4597	0-0611	45970-0711			
_	-45971-001	10	0.696	45970-	-1111	45970-1211	45970-1311	45970-1411	45970-1511	4597	0-1611	45970-1711			
D	-4-	20	1.196	45970-	-2111	45970-2211	45970-2311	45970-2411	45970-2511	4597	0-2611	45970-2711			D
	Å	30	1.696	45970-	-3111	45970-3211	45970-3311	45970-3411	45970-3511	4597	0-3611	45970-3711			
	PACK	40	2.196	45970-	-4111	45970-4211	45970-4311	45970-4411	45970-4511	4597	0-4611	45970-4711			
		50	2.696	45970-	-5111	45970-5211	45970-5311	45970-5411	45970-5511	4597	0-5611	45970-5711			
	TRAY	15	0.946	45970-	-6111	45970-6211	45970-6311	45970-6411	45970-6511	4597	0-6611	45970-6711			
	μ	25	1.446	45970-	-7111	45970-7211	45970-7311	45970-7411	45970-7511	4597	0-7611	45970-7711			
		35	1.946	45970-	-8111	45970-8211	45970-8311	45970-8411	45970-8511	4597	0-8611	45970-8711			
		45	2.446	45970-	-9111	45970-9211	45970-9311	45970-9411	45970-9511	4597	0-9611	45970-9711			
	1-002	DIM P:		2.0 MM	1	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 N	1M	7.0 MM			
С	-1-0	DIM R:		.221		.260	.280	.241	.319	.339		.418			C
	-4597	POSITION	DIM G	MATER	RIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATE	ERIAL NO	MATERIAL NO			
	PK-4	19	1.146	45970-	-0115	45970-0215	45970-0315	45970-0415	45970-0515	4597	0-0615	45970-0715			
		10	0.696	45970-	-1115	45970-1215	45970-1315	45970-1415	45970-1515	4597	0-1615	45970-1715			
	PACK	20	1.196	45970-	-2115	45970-2215	45970-2315	45970-2415	45970-2515	4597	0-2615	45970-2715			
	- i l	30	1.696	45970-	-3115	45970-3215	45970-3315	45970-3415	45970-3515	4597	0-3615	45970-3715			
	REE	40	2.196	45970-	-4115	45970-4215	45970-4315	45970-4415	45970-4515	4597	0-4615	45970-4715			
		50	2.696	45970-	-5115	45970-5215	45970-5315	45970-5415	45970-5515	4597	0-5615	45970-5715			
	AND	15	0.946	45970-	-6115	45970-6215	45970-6315	45970-6415	45970-6515	4597	0-6615	45970-6715			
	TAPE	25	1.446	45970-	-7115	45970-7215	45970-7315	45970-7415	45970-7515	4597	0-7615	45970-7715			
В	Ψ	35	1.946	45970-	-8115	45970-8215	45970-8315	45970-8415	45970-8515	4597	0-8615	45970-8715			В
		45	2.446	45970-	-9115	45970-9215	45970-9315	45970-9415	45970-9515	4597	0-9615	45970-9715			
											RI SI	S SHEET CONTAINS OWS: 10 OLDER CHARGE: <sup>-</sup>	S THE FOLLOWING OF TIN 5 AND TAPE AND RE		
						181919			DIMEN	SION STYL					
						0/60		NERAL TOLERAN ILESS SPECIFIED		H ONLY		SCALE DESIGN UN			
А						ET 1 2010-2270 3RI 2010/03/05 8CI 2010/03/05 8CI 2010/03/05	4 PL 3 PL 2 PL	mm         II           ACES ±         ± -           ACES ±         ± .0           ACES ±         ± .0	NCH DRAWN BY TGREGOR I 010 CHECKED BY 015 JCOMERC I	DA 2005 DA	те тіт 5/01/27 те	PLU	SEARAY G ASSEMBLY 0 CENTERS		A
							5 <u>1 PL</u>	ACE ± ±-			™ )/03/05 m	olex MOLEX	INCORPORAT	ED	
						5.555		ANGULAR ±		2010		CUMENT NO.		SHEET NO.	
						SEE SHEET EC NO: UCP2010 CPWN:TGREORI CH'KD:JCOMERCI APPR: JCOMERCI	DRAF	T WHERE APPLI	CABLE			SD-459	70-001	7 OF 10	
						N N N N N N N N N N N N N N N N N N N		MUST REMAIN WITHIN DIMENSION	C   <sup>-</sup> ∧ <sup>-</sup>   1⊓IS				AT IS PROPRIETARY T		
/		tb_fram	ie_A_P	_AM_TT			<u> </u>			FURATEL	JANU SHO			ERMISSIUN	$\langle \rangle$
/		Rev. E				5	I	4	З			2	1		$\sim$

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		DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM		7
		DIM R:		.221	.260	.280	.241	.319	.339	.418		
		POSITION	I DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO		
	~	19	1.146	45970-0113	45970-0213	45970-0313	45970-0413	45970-0513	45970-0613	45970-0713		
_	-45971-00	10	0.696	45970-1113	45970-1213	45970-1313	45970-1413	45970-1513	45970-1613	45970-1713		
D	971	20	1.196	45970-2113	45970-2213	45970-2313	45970-2413	45970-2513	45970-2613	45970-2713		D
	-45	30	1.696	45970-3113	45970-3213	45970-3313	45970-3413	45970-3513	45970-3613	45970-3713		
	Ч	40	2.196	45970-4113	45970-4213	45970-4313	45970-4413	45970-4513	45970-4613	45970-4713		
	PACK	50	2.696	45970-5113	45970-5213	45970-5313	45970-5413	45970-5513	45970-5613	45970-5713		
		15	0.946	45970-6113	45970-6213	45970-6313	45970-6413	45970-6513	45970-6613	45970-6713		
	TRAY	25	1.446	45970-7113	45970-7213	45970-7313	45970-7413	45970-7513	45970-7613	45970-7713		-
	TR	35	1.946	45970-8113	45970-8213	45970-8313	45970-8413	45970-8513	45970-8613	45970-8713		
		45	2.446	45970-9113	45970-9213	45970-9313	45970-9413	45970-9513	45970-9613	45970-9713		
						1	I	I				
	002	DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM		
С	-	DIM R:		.221	.260	.280	.241	.319	.339	.418		C
	-4597	POSITION	I DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO		
	K-4	19	1.146	45970-0117	45970-0217	45970-0317	45970-0417	45970-0517	45970-0617	45970-0717		
	< PK	10	0.696	45970-1117	45970-1217	45970-1317	45970-1417	45970-1517	45970-1617	45970-1717		
	AC	20 1.196		45970-2117	45970-2217	45970-2317	45970-2417	45970-2517	45970-2617	45970-2717		
		30	1.696	45970-3117	45970-3217	45970-3317	45970-3417	45970-3517	45970-3617	45970-3717		
	REEL	40	2.196	45970-4117	45970-4217	45970-4317	45970-4417	45970-4517	45970-4617	45970-4717		
		50	2.696	45970-5117	45970-5217	45970-5317	45970-5417	45970-5517	45970-5617	45970-5717		
	AND	15	0.946	45970-6117	45970-6217	45970-6317	45970-6417	45970-6517	45970-6617	45970-6717		
	TAPE	25	1.446	45970-7117	45970-7217	45970-7317	45970-7417	45970-7517	45970-7617	45970-7717		
В	TA	35	1.946	45970-8117	45970-8217	45970-8317	45970-8417	45970-8517	45970-8617	45970-8717		В
		45	2.446	45970-9117	45970-9217	45970-9317	45970-9417	45970-9517	45970-9617	45970-9717		
										IS SHEET CONTAI ROWS: 10 SOLDER CHARGE:	NS THE FOLLOWING OPTIONS TIN / LEAD YS AND TAPE AND REEL	
					05	GEN	ERAL TOLERAN		SION STYLE	SCALE DESIGN UNI		-
					/60/		ESS SPECIFIED	)   INCH	1 ONLY	4:1 INCH		
A					SEE SHEET 1 EC NO: UCP2010-2270 CDRWN:TGREGORI 2010/03/05 CHYCD:LOMERCI 2010/03/05 CHYCD:LOMERCI 2010/03/05	3 PLA 2 PLA	CES ± ± CES ± ±.0 CES ± ±.0	10 снескед ву 15 JCOMERCI	DATE TITL 2005/01/27 DATE	PLUC	SEARAY GASSEMBLY OCENTERS	A
							<u>ANGULAR ±</u>		2010/03/05	Nex MOLEX	INCORPORATED	
										UMENT NO.	SHEET NO.	-
						DRAF	T WHERE APPLIC MUST REMAIN	ABLE		<u>SD</u> -459		_
						- W	ITHIN DIMENSIONS				AT IS PROPRIETARY TO MOLEX WITHOUT WRITTEN PERMISSIO	
			ne_A_P		5	4		3		2	1	
/		Rev. E	2006/0	J4/ ID	-	I	I	_	I	-		

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		DIM P:		2.0 MM		3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM			1
		DIM R:		.221		.260	.280	.241	.319	.339	.418			
		POSITION	N DIM G	MATERIA	AL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL	NO MATERIAL NO			
	_	19	1.146	45970-0	0121	45970-0221	45970-0321	45970-0421	45970-0521	45970-062	21 45970-0721			
_	45971-001	10	0.696	45970-1	1121	45970-1221	45970-1321	45970-1421	45970-1521	45970-162	45970-1721			
D	971-	20	1.196	45970-2	2121	45970-2221	45970-2321	45970-2421	45970-2521	45970-262	21 45970-2721			D
	-45	30	1.696	45970-3	3121	45970-3221	45970-3321	45970-3421	45970-3521	45970-362	21 45970-3721			
	Ϋ́	40	2.196	45970-4	4121	45970-4221	45970-4321	45970-4421	45970-4521	45970-462	21 45970-4721			
	ACK	50	2.696	45970-5	5121	45970-5221	45970-5321	45970-5421	45970-5521	45970-562	21 45970-5721			
	A	15	0.946	45970-6	6121	45970-6221	45970-6321	45970-6421	45970-6521	45970-662	21 45970-6721			
	Α	25	1.446	45970-7	7121	45970-7221	45970-7321	45970-7421	45970-7521	45970-762	21 45970-7721			
	TRA	35	1.946	45970-8	8121	45970-8221	45970-8321	45970-8421	45970-8521	45970-862	21 45970-8721			
		45	2.446	45970-9	9121	45970-9221	45970-9321	45970-9421	45970-9521	45970-962	21 45970-9721			
												1		
	2	DIM P:		2.0 MM		3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM			
С	1-002	DIM R:		.221		.260	.280	.241	.319	.339	.418			C
	-45971	POSITION	N DIM G	MATERIA	AL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL	NO MATERIAL NO			
	-45	19	1.146	45970-0	0125	45970-0225	45970-0325	45970-0425	45970-0525	45970-062	25 45970-0725			
	못	10	0.696	45970-1	1125	45970-1225	45970-1325	45970-1425	45970-1525	45970-162	45970-1725			
	ACK	20	1.196	45970-2	2125	45970-2225	45970-2325	45970-2425	45970-2525	45970-262	25 45970-2725			
	A	30	1.696	45970-3	3125	45970-3225	45970-3325	45970-3425	45970-3525	45970-362	25 45970-3725			
	Ш	40	2.196	45970-4	4125	45970-4225	45970-4325	45970-4425	45970-4525	45970-462	25 45970-4725			
	REEI	50	2.696	45970-5	5125	45970-5225	45970-5325	45970-5425	45970-5525	45970-562	25 45970-5725			
	AND	15	0.946	45970-6	6125	45970-6225	45970-6325	45970-6425	45970-6525	45970-662	25 45970-6725			
		25	1.446	45970-7	7125	45970-7225	45970-7325	45970-7425	45970-7525	45970-762	25 45970-7725			
В	TAPE	35	1.946	45970-8	8125	45970-8225	45970-8325	45970-8425	45970-8525	45970-862	25 45970-8725			В
-		45	2.446	45970-9	9125	45970-9225	45970-9325	45970-9425	45970-9525	45970-962	25 45970-9725			
											DTES: THIS SHEET CONTAI ROWS: 12 SOLDER CHARGE:	TIN		
						101010				SION STYLE	PACKAGING: TRA SCALE DESIGN U	YS AND TAPE AND R		_
						0/E0		ERAL TOLERAN ESS SPECIFIED		HONLY	4:1 INCH		ANGLE	
A						SEE SHEET 1 EC 0. UCP2010-2270 CERNN:TGREGOR1 2010/03/05 CHYLOMERC1 2010/03/05 APPR. JCOMERC1 2010/03/05 DESCRIPTION	4 PLA 3 PLA 2 PLA	mm         II           CES ±         ±           CES ±         ± .C           CES ±         ± .C	ICH DRAWN BY TGREGOR I 10 CHECKED BY 15 JCOMERC I	DATE 2005/01/2 DATE		SEARAY JG ASSEMBLY 50 CENTERS		A
						SHEE SHEE DCP2		ANGULAR ±		2010/03/0	DOCUMENT NO.	( INCORPORAT	ED SHEET NO.	
						NKN: PPR: PPR:	DRAF	T WHERE APPLIC			SD-459	970-001	9 OF 10	
						M A	W	ITHIN DIMENSION			TAINS INFORMATION THE SHOULD NOT BE USE			ī
			me_A_P. 2006/0			5	4	.	З		2	1		$\backslash$
/			. 2000/0				1	I		I				

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		DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 M	1	7.0 MM			ĺ
		DIM R:		.221	.260	.280	.241	.319	.339		.418			
		POSITION	DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATE	RIAL NO	MATERIAL NO			
	-	19	1.146	45970-0123	45970-0223	45970-0323	45970-0423	45970-0523	45970	-0623	45970-0723			
5	0-	10	0.696	45970-1123	45970-1223	45970-1323	45970-1423	45970-1523	45970	-1623	45970-1723			
D	-45971-001	20	1.196	45970-2123	45970-2223	45970-2323	45970-2423	45970-2523	45970	-2623	45970-2723			D
	-45	30	1.696	45970-3123	45970-3223	45970-3323	45970-3423	45970-3523	45970	-3623	45970-3723			
	Æ	40	2.196	45970-4123	45970-4223	45970-4323	45970-4423	45970-4523	45970	-4623	45970-4723			
	PACK	50	2.696	45970-5123	45970-5223	45970-5323	45970-5423	45970-5523	45970	-5623	45970-5723			
		15	0.946	45970-6123	45970-6223	45970-6323	45970-6423	45970-6523	45970	-6623	45970-6723			
	TRAY	25	1.446	45970-7123	45970-7223	45970-7323	45970-7423	45970-7523	45970	-7623	45970-7723			
	ШЩ	35	1.946	45970-8123	45970-8223	45970-8323	45970-8423	45970-8523	45970	-8623	45970-8723			
		45	2.446	45970-9123	45970-9223	45970-9323	45970-9423	45970-9523	45970	-9623	45970-9723			
		DIM P:		2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 M	4	7.0 MM			
С	1-002	DIM R:		.221	.260	.280	.241	.319	.339	1	.418			C
-	71-	POSITION	DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO		RIAL NO	MATERIAL NO			
	-4597	19	1.146	45970-0127	45970-0227	45970-0327	45970-0427	45970-0527	45970	-0627	45970-0727			
	Υ.	10	0.696	45970-1127	45970-1227	45970-1327	45970-1427	45970-1527	45970	-1627	45970-1727			
		20	1.196	45970-2127	45970-2227	45970-2327	45970-2427	45970-2527	45970	-2627	45970-2727			
	PACK	30	1.696	45970-3127	45970-3227	45970-3327	45970-3427	45970-3527	45970	-3627	45970-3727			
	1 1	40	2.196	45970-4127	45970-4227	45970-4327	45970-4427	45970-4527	45970	-4627	45970-4727			
	REEI	50	2.696	45970-5127	45970-5227	45970-5327	45970-5427	45970-5527	45970	-5627	45970-5727			
	AND	15	0.946	45970-6127	45970-6227	45970-6327	45970-6427	45970-6527	45970	-6627	45970-6727			
		25	1.446	45970-7127	45970-7227	45970-7327	45970-7427	45970-7527	45970	-7627	45970-7727			
В	TAPE	35	1.946	45970-8127	45970-8227	45970-8327	45970-8427	45970-8527	45970	-8627	45970-8727			В
0		45	2.446	45970-9127	45970-9227	45970-9327	45970-9427	45970-9527	45970	-9627	45970-9727			
										R S	S SHEET CONTAIN OWS: 12 OLDER CHARGE:			
												'S AND TAPE AND R		
					0/E0		NERAL TOLERAN LESS SPECIFIED		SION STYLE		4:1 DESIGN UN		) ANGLE ECTION	
A					SEE SHEET 1 EC NO: UCP2010-2270 CRXNN:IGREG0R1 2010/03/05 CHYLLIOMERC1 2010/03/05 APPR.JCOMERC1 2010/03/05 No Descrettion	4 PL, 3 PL, 2 PL,		ICH DRAWN BY TGREGOR I 10 CHECKED BY 15 JCOMERC I	DAT	E TITL 01/27 E	■ PLUI 05	SEARAY G ASSEMBLY O CENTERS		A
ı.							ANGULAR ±			03/05		INCORPORAT	ED	
					PR: J NO:					DOCI	JMENT NO. SD-459	70-001	SHEET NO. 10 OF 10	]
					AP CH SE		T WHERE APPLIC MUST REMAIN VITHIN DIMENSIONS				INFORMATION TH	AT IS PROPRIETARY	TO MOLEX	1
/	<u> </u>	tb_fram			 5	II	4			AND SHU	2			Ψ.
/		Rev. E	2006/0	04/15	ر د		4	ر ر			۷			