

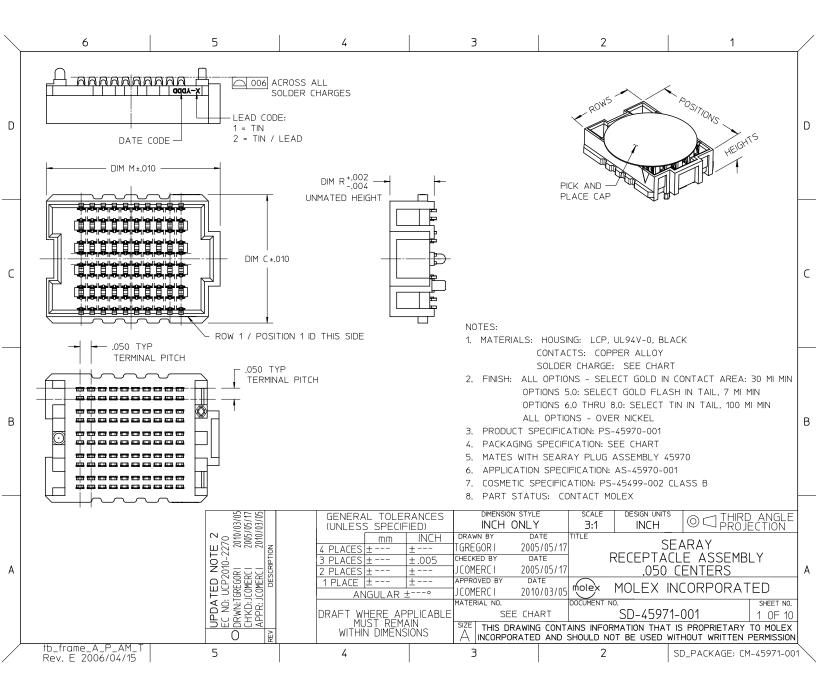
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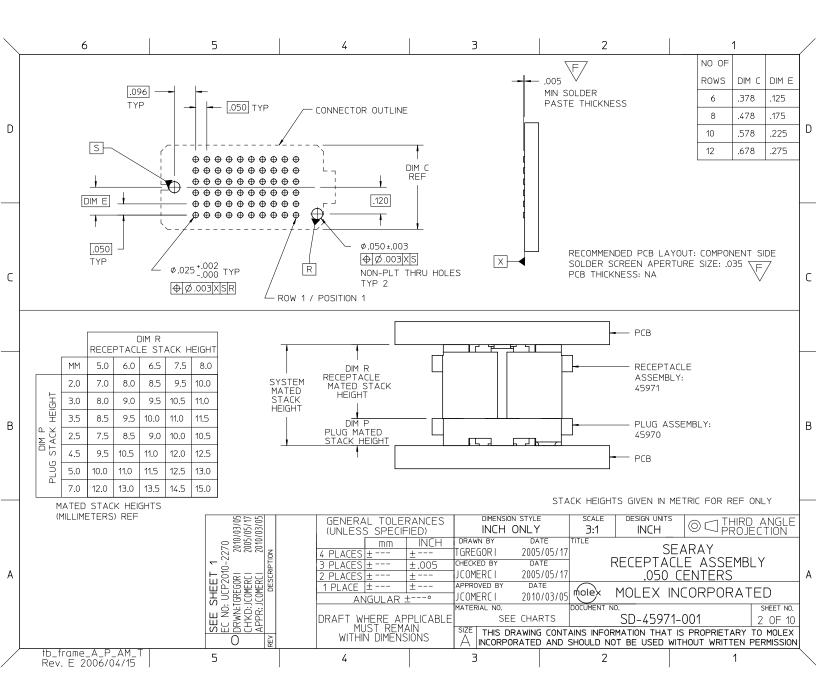
Part Number: Status: Description:		7mm (.050") Pitch SEARAY* Receptacle, 300 Circuits, 8.00mm it, 10 Rows, With Pegs, Solder Charge™	
Documents: 3D Model Drawing (PDF) Product Specifie	cation PS-45970-001 (PDF)	Product Specification PS-45970-002 (PDF) RoHS Certificate of Compliance (PDF)	Series
Agency Cert	tification		image - Reference only
CSA UL		LR19980 E29179	EU RoHS China RoHS ELV and RoHS
<b>General</b> Product Family Series Application Product Name		PCB Receptacles <u>45971</u> Board-to-Board SEARAY*	Compliant REACH SVHC Not Reviewed Halogen-Free Status Not Reviewed
Physical Circuits (Loaded Circuits (maxim Circuits Detail Color - Resin Durability (matin Flammability Glow-Wire Corr Guide to Mating	ng cycles max) npliant g Part	300 300 300 Black 100 94V-0 No No No	Need more information on product environmental compliance? 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.
Keying to Matin Lock to Mating Material - Metal Material - Platin Material - Platin Material - Resin Number of Row	Part Ing Mating Ing Termination	No Copper Alloy Gold Tin High Temperature Thermoplastic 10	Search Parts in this Series 45971Series Mates With
Orientation PC Tail Length PC Tail Length PCB Locator PCB Retention PCB Thickness	(in) (mm) Recommended (in) Recommended (mm) e nterface (in) nterface (mm) terface (mm) terface (mm) titing (µm) rmination (µm) rmination (µm) titing Part B	Vertical 0.086 In 2.18 mm Yes Yes 0.062 In 1.57 mm Embossed Tape on Reel 0.050 In 1.27 mm 0.050 In 1.27 mm 30 0.75 100 2.5 Yes Yes Pick and Place Cap	45970 SEARAY* Plug

No

Surface Mount Compatible (SMC) Temperature Range - Operating Termination Interface: Style	Yes -55°C to +125°C Surface Mount
<b>Electrical</b> Current - Maximum per Contact Grounding to PCB Voltage - Maximum	2.7A No 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-45970-001, AS-45970-002, AS-45970-990 PK-45971-001, PK-45971-002 PS-45970-001, PS-45970-002 SD-45971-001 TS-45970-001

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Ì		DIM R: (RI	EF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGH	TS GIVEN IN		DR REE ON	JI Y	
	1-001	DIM R: HOUSING HEIGHT		.199	.238	.258	.297	.297						
	45971	POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO						
ן כ		19	1.232	45971-0161	45971-0261	45971-0361	45971-0461	45971-0561	]					
	Æ	10	0.782	45971-1161	45971-1261	45971-1361	45971-1461	45971-1561						
	ACK	20	1.282	45971-2161	45971-2261	45971-2361	45971-2461	45971-2561	]					
	٩	30	1.782	45971-3161	45971-3261	45971-3361	45971-3461	45971-3561	1					
	RΑΥ	40	2.282	45971-4161	45971-4261	45971-4361	45971-4461	45971-4561	1					
	Ĕ	50	2.782	45971-5161	45971-5261	45971-5361	45971-5461	45971-5561						ŀ
		15	1.032	45971-6161	45971-6261	45971-6361	45971-6461	45971-6561	1					
		25	1.532	45971-7161	45971-7261	45971-7361	45971-7461	45971-7561	1					
		35	2.032	45971-8161	45971-8261	45971-8361	45971-8461	45971-8561	1					
		45	2.532	45971-9161	45971-9261	45971-9361	45971-9461	45971-9561						
= t									1					
		DIM R: (RI	EF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGH	TS GIVEN IN	METRIC F	OR REF ON	NLY	
		DIM R:							1					
		HOUSING												
	002	HEIGHT		.199	.238	.258	.297	.297						
		POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	1					-
	45971-	19	1.232	45971-0165	45971-0265	45971-0365	45971-0465	45971-0565	1					
		10	0.782	45971-1165	45971-1265	45971-1365	45971-1465	45971-1565	1					
	РК	20	1.282	45971-2165	45971-2265	45971-2365	45971-2465	45971-2565	1					
	PACK	30	1.782	45971-3165	45971-3265	45971-3365	45971-3465	45971-3565	1					
3		40	2.282	45971-4165	45971-4265	45971-4365	45971-4465	45971-4565	1					
	TRAΥ	50	2.782	45971-5165	45971-5265	45971-5365	45971-5465	45971-5565	NOTES:					
	F	15	1.032	45971-6165	45971-6265	45971-6365	45971-6465	45971-6565		SHEET CON	NTAINS TH	E FOLLOW	ING OPTION	s
		25	1.532	45971-7165	45971-7265	45971-7365	45971-7465	45971-7565	N	OF ROWS	6			
		35	2.032	45971-8165	45971-8265	45971-8365	45971-8465	45971-8565		OLDER CHAR ACKAGING:			ND REEL	
		45	2.532	45971-9165	45971-9265	45971-9365	45971-9465	45971-9565	'	ACKAGING.	INAIS AI	U IALLA	NECL	
4					SEE SHEET 1 EC NO: UCP2010-2270 DRWN:TGREGRI 2010/03/05 CHYD.JCOMERCI 2005/05/17 APPR: JCOMERCI 2005/05/17 APPR: JCOMERCI 2007/03/05	(UNL 3 PLA 2 PLA 1 PLA	ERAL TOLERAN ESS SPECIFIED 	INCI     INCI     INCI     ICH DRAWN BY     TGREGOR I     IO5 CHECKED BY     JCOMERC I     APPROVED B     APPROVED B     ICOMERCI N     MATERIAL NO	2010/03/05	TITICE RI	ECEPTA .050 10LEX SD-4597	SEARAY SEARAY CLE AS CENTE INCORF 71-001	SSEMBL` ERS PORATE	ТІОЛ Г Б Sheet No. 3 OF 10
		tb_fram Rev. E			0 à	W   4			PORATED AND					

-45971-001	DIM R: (R DIM R:				4		З		2			1	
		(EF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HE	EIGHTS GIVEN	IN METRIC F	OR REF (	ONLY	
5971	HOUSING HEIGHT		.199	.238	.258	.297	.297						
	POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	1					
	19	1.232	45971-0163	45971-0263	45971-0363	45971-0463	45971-0563	1					
Æ	10	0.782	45971-1163	45971-1263	45971-1363	45971-1463	45971-1563	1					
ACK	20	1.282	45971-2163	45971-2263	45971-2363	45971-2463	45971-2563	1					
٩	30	1.782	45971-3163	45971-3263	45971-3363	45971-3463	45971-3563						
RΑΥ	40	2.282	45971-4163	45971-4263	45971-4363	45971-4463	45971-4563	1					
Ĕ	50	2.782	45971-5163	45971-5263	45971-5363	45971-5463	45971-5563	1					
	15	1.032	45971-6163	45971-6263	45971-6363	45971-6463	45971-6563	1					
	25	1.532	45971-7163	45971-7263	45971-7363	45971-7463	45971-7563	1					
	35	2.032	45971-8163	45971-8263	45971-8363	45971-8463	45971-8563	1					
	45	2.532	45971-9163	45971-9263	45971-9363	45971-9463	45971-9563						
				1	I	1		1					
	DIM R: (R	EF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HE	EIGHTS GIVEN	IN METRIC F	OR REF (	DNLY	
	DIM R:							1					
	HOUSING												
002	HEIGHT		.199	.238	.258	.297	.297						
	POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	1					
-45971-	19	1.232	45971-0167	45971-0267	45971-0367	45971-0467	45971-0567	1					
<-4	10	0.782	45971-1167	45971-1267	45971-1367	45971-1467	45971-1567	1					
Ę	20	1.282	45971-2167	45971-2267	45971-2367	45971-2467	45971-2567	1					
PACK	30	1.782	45971-3167	45971-3267	45971-3367	45971-3467	45971-3567	1					
	40	2.282	45971-4167	45971-4267	45971-4367	45971-4467	45971-4567	1					
-RAY	50	2.782	45971-5167	45971-5267	45971-5367	45971-5467	45971-5567	1					
F	15	1.032	45971-6167	45971-6267	45971-6367	45971-6467	45971-6567		OTES:				
	25	1.532	45971-7167	45971-7267	45971-7367	45971-7467	45971-7567		. THIS SHEET		THE FOLL	OWING OP	TIONS
	35	2.032	45971-8167	45971-8267	45971-8367	45971-8467	45971-8567	-	NO OF R	OWS: 6 CHARGE: T		``````````````````````````````````````	
	45	2.532	45971-9167	45971-9267	45971-9367	45971-9467	45971-9567			NG: TRAYS			EL
				SEE SHEET 1 EC NO: UCP2010-2270 DRWN:TGREGRI 2010/03105 CHYCD.1COMERCI 2005/05/17 CHYCD.1COMERCI 2005/03105 APPR: JCOMERCI 2010/03105 REV	(UNL 4 PLAI 3 PLAI 2 PLAI 1 PLA DRAF <sup>-</sup>	ERAL TOLERAN ESS SPECIFIED CES ± ± CES ± ± CES ± ± CES ± ± ANGULAR ± MUST REMAIN THIN DIMENSIONS	INCI ICH DRAWN BY TGREGOR I 05 CHECKED BY JCOMERC I APPROVED B JCOMERC I MATERIAL NO SIZE THIS	2010/0 CHART	5/17 5/17 3/05 molex DOCUMENT N	RECEPT / .050 MOLEX 0. SD-459 RMATION THA	SEARA ACLE A O CENT INCOR 71-001 AT IS PROI	Y SSEMBI ERS PORAT	ED SHEET NO 4 OF 1 TO MOLES

		6		5	4	.	З		2		1	
$\square$	DIM R: (F	REF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGHTS GIV	EN IN METRI	C FOR REF 0	NLY	
	DIM R:						· · ·					
001		1										
14	-	-	.199	.238	.258	.297	.297					
4597	POSITION	-	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO					
		1.232	45971-0181	45971-0281	45971-0381	45971-0481	45971-0581					
Ę		0.782	45971-1181	45971-1281	45971-1381	45971-1481	45971-1581					
ACK	20	1.282	45971-2181	45971-2281	45971-2381	45971-2481	45971-2581					
۵	- 30	1.782	45971-3181	45971-3281	45971-3381	45971-3481	45971-3581					
RAY	40	2.282	45971-4181	45971-4281	45971-4381	45971-4481	45971-4581					
F	50	2.782	45971-5181	45971-5281	45971-5381	45971-5481	45971-5581					
	15	1.032	45971-6181	45971-6281	45971-6381	45971-6481	45971-6581					
	25	1.532	45971-7181	45971-7281	45971-7381	45971-7481	45971-7581					
	35	2.032	45971-8181	45971-8281	45971-8381	45971-8481	45971-8581					
	45	2.532	45971-9181	45971-9281	45971-9381	45971-9481	45971-9581					
				l.								
	DIM R: (F	REF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGHTS GIV	VEN IN METRI	C FOR REF C	NLY	
	DIM R:											
	HOUSING	i										
002	HEIGHT		.199	.238	.258	.297	.297					
		DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO					
-45971-	19	1.232	45971-0185	45971-0285	45971-0385	45971-0485	45971-0585					
		0.782	45971-1185	45971-1285	45971-1385	45971-1485	45971-1585					
ų Y		1.282	45971-2185	45971-2285	45971-2385	45971-2485	45971-2585					
ACK		1.782	45971-3185	45971-3285	45971-3385	45971-3485	45971-3585					
۵		2.282	45971-4185	45971-4285	45971-4385	45971-4485	45971-4585					
TRAY	50	2.782	45971-5185	45971-5285	45971-5385	45971-5485	45971-5585					
F	15	1.032	45971-6185	45971-6285	45971-6385	45971-6485	45971-6585					
	25	1.532	45971-7185	45971-7285	45971-7385	45971-7485	45971-7585	NOTES:				
	35	2.032	45971-8185	45971-8285	45971-8385	45971-8485	45971-8585				LLOWING OPTI	ONS
	45	2.532	45971-9185	45971-9285	45971-9385	45971-9485	45971-9585		) OF ROWS: )LDER CHARG			
	4.5	2.552	45971-9105	45971-9205	40971-9000	45971-9405	43971-9303				APE AND REE	L
				SEE SHEET 1 EC NO: UCP2010-2270 DRWN:TGREGOR 2010/03/05 CHYRD:JCOMERCI 2010/03/05 APPR:JCOMERCI 2010/03/05 APPR:JCOMERCI 2010/03/05	UNL	ERAL TOLERAN ESS SPECIFIED: mm IN CFS + +	INCI		ALE DESIGN		THIRD AN PROJECT	NGL
				-22 -22		$\frac{1}{CES \pm \cdots} \pm .0$		DATE	RECEP	TACLE A		
					2 PLA	CES ± ±	JCOMERCI	2005/05/17	).	<u>)50 CENT</u>	ERS	
					1 PLA	<u>CE ± ±</u>		l mícia	MOIF	X INCORI	PORATED	) –
				jo J B J J J		ANGULAR ±	<ul> <li>JCOMERCI MATERIAL NO</li> </ul>		ENT NO.			EET NC
				HNN SKR	DRAF	T WHERE APPLIC		CHART		5971-001		0F 10
					1.1	MUST REMAIN	SIZE THIS	DRAWING CONTAINS	NFORMATION	THAT IS PROP	PRIETARY TO M	10LE>
	th free			U li	Ļ W			PORATED AND SHOUL		SED WITHOUT	WRITTEN PERM	IISSIC
	ιυ_τΓαί	ne_A_P_ 2006/0		5	4	I	3	1	2		1	

		6		5	4		З	2 1
	DIM R: (R	EF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
45971-001	DIM R: HOUSING HEIGHT POSITION 19	DIM M 1.232	.199 MATERIAL NO 45971-0183	.238 MATERIAL NO 45971-0283	.258 MATERIAL NO 45971-0383	.297 MATERIAL NO 45971-0483	.297 MATERIAL NO 45971-0583	
Ϋ́	12	0.782	45971-1183	45971-1283	45971-1383	45971-1483	45971-1583	
X	20	1.282	45971-2183	45971-2283	45971-2383	45971-2483	45971-2583	
PA(	30	1.782	45971-3183	45971-3283	45971-3383	45971-3483	45971-3583	-
RAY	40	2.282	45971-4183	45971-4283	45971-4383	45971-4483	45971-4583	
Ĕ	50	2.782	45971-5183	45971-5283	45971-5383	45971-5483	45971-5583	
ł	15	1.032	45971-6183	45971-6283	45971-6383	45971-6483	45971-6583	
ľ	25	1.532	45971-7183	45971-7283	45971-7383	45971-7483	45971-7583	
ľ	35	2.032	45971-8183	45971-8283	45971-8383	45971-8483	45971-8583	
Ī	45	2.532	45971-9183	45971-9283	45971-9383	45971-9483	45971-9583	
				1	1	1		- -
	DIM R: (R	EF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
	DIM R: HOUSING							
002	HEIGHT		.199	.238	.258	.297	.297	
는	POSITION		MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	
4597	19	1.232	45971-0187	45971-0287	45971-0387	45971-0487	45971-0587	
¥	10	0.782	45971-1187	45971-1287	45971-1387	45971-1487	45971-1587	
ACK	20	1.282	45971-2187	45971-2287	45971-2387	45971-2487	45971-2587	
Ā	30	1.782	45971-3187	45971-3287	45971-3387	45971-3487	45971-3587	
RAY	40	2.282	45971-4187	45971-4287	45971-4387	45971-4487	45971-4587	-
Ĕ	50	2.782 1.032	45971-5187 45971-6187	45971-5287 45971-6287	45971-5387 45971-6387	45971-5487 45971-6487	45971-5587 45971-6587	-
ł	15 25	1.032	45971-7187	45971-7287	45971-6307	45971-7487	45971-0507	NOTES:
ł	35	2.032	45971-8187	45971-8287	45971-8387	45971-8487	45971-8587	1. THIS SHEET CONTAINS THE FOLLOWING OPTION
ł	45	2.532	45971-9187	45971-9287	45971-9387	45971-9487	45971-9587	NO OF ROWS: 8 SOLDER CHARGE: TIN / LEAD
	-13	21332	137717707			127717107		PACKAGING: TRAYS AND TAPE AND REEL
				SEE SHEET 1 EC NO: UCP2010-2270 DRWN:IGREG0R1 2010/03/05 CHYD:JCOMERC1 2005/05/17 APPR:JCOMERC1 2001/03/05 EEV DESCRIPTION	(UNL <u>4 PLA(</u> <u>3 PLA(</u> <u>1 PLA</u> DRAF1	ERAL         TOLERAN           ESS         SPECIFIED:           mm         IN           ces            ces            ces            ces            ces            ces            ANGULAR         +           ANGULAR         +           MUST         REMAIN           THIN         DIMENSIONS	INCH ICH DRAWN BY TGREGOR I 05 CHECKED BY JCOMERC I APPROVED B' JCOMERC I MATERIAL NO ABLE SEE SIZE THIS	2010/03/05 MOLEX INCORPORATED
—	th from	ie_A_P_	AMITI	5	4			

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	DIM R: (RI	EF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGHTS GIVEN	I IN METRIC	FOR REF ON	LY
-001	DIM R: HOUSING HEIGHT		.199	.238	.258	.297	.297				
17	POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO				
-45971	19	1.232	45971-0111	45971-0211	45971-0311	45971-0411	45971-0511				
Ж	10	0.782	45971-1111	45971-1211	45971-1311	45971-1411	45971-1511				
ACK	20	1.282	45971-2111	45971-2211	45971-2311	45971-2411	45971-2511				
₽	30	1.782	45971-3111	45971-3211	45971-3311	45971-3411	45971-3511				
RAY	40	2.282	45971-4111	45971-4211	45971-4311	45971-4411	45971-4511				
Ĕ	50	2.782	45971-5111	45971-5211	45971-5311	45971-5411	45971-5511				
ł	15	1.032	45971-6111	45971-6211	45971-6311	45971-6411	45971-6511				
ł	25	1.532	45971-7111	45971-7211	45971-7311	45971-7411	45971-7511				
ł	35	2.032	45971-8111	45971-8211	45971-8311	45971-8411	45971-8511				
ł	45	2.532	45971-9111	45971-9211	45971-9311	45971-9411	45971-9511				
	DIM R: (RI	EF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGHTS GIVEN	N IN METRIC	FOR REF ON	LY
	DIM R: HOUSING										
002	HEIGHT		.199	.238	.258	.297	.297				
7	POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO				
5971-	19	1.232	45971-0115	45971-0215	45971-0315	45971-0415	45971-0515				
PK-4	10	0.782	45971-1115	45971-1215	45971-1315	45971-1415	45971-1515				
	20	1.282	45971-2115	45971-2215	45971-2315	45971-2415	45971-2515				
PACK	30	1.782	45971-3115	45971-3215	45971-3315	45971-3415	45971-3515				
	40	2.282	45971-4115	45971-4215	45971-4315	45971-4415	45971-4515				
IRAY	50	2.782	45971-5115	45971-5215	45971-5315	45971-5415	45971-5515				
	15	1.032	45971-6115	45971-6215	45971-6315	45971-6415	45971-6515				
Ī	25	1.532	45971-7115	45971-7215	45971-7315	45971-7415	45971-7515	NOTES:			WING OPTIONS
ļ	35	2.032	45971-8115	45971-8215	45971-8315	45971-8415	45971-8515		ROWS: 10	S THE FULL	WING OF HUNS
	45	2.532	45971-9115	45971-9215	45971-9315	45971-9415	45971-9515		R CHARGE:		
				SEE SHEET 1 EC NO: UCP2010-2270 DRWN:TGREGORI 2010/03/05 CHKD:LOMERCI 2005/03/17 APPR:JCOMERCI 2010/03/05 ODESCIPTION	(UNL <u>4 PLA(</u> <u>3 PLA(</u> <u>2 PLA(</u> <u>1 PLA</u> DRAF1	ERAL TOLERAN ESS SPECIFIED; CES ± ± CES ± ± CES ± ± ANGULAR ± ANGULAR ± I WHERE APPLIC MUST REMAIN THIN DIMENSIONS	INCH ICH DRAWN BY TGREGOR I 05 CHECKED BY JCOMERC I APPROVED BY JCOMERC I JCOMERC I SIZE THIS	SION STYLE SCALE 1 ONLY 1:1 DATE TITLE 2005/05/17 DATE 2005/05/17 DATE 2010/03/05 CHART DRAWING CONTAINS INFO	RECEPT .05 MOLEX NO. SD-459 DRMATION TH	SEARAY ACLE AS 0 CENTE INCORP 071-001 AT IS PROPRI	THIRD ANGL PROJECTION SEMBLY RS ORATED SHEET N 7 OF
			AM_T	0 lã			$A \mid A \mid INCOR$	PORATED AND SHOULD I	NOT BE USED	) WITHOUT WE	RITTEN PERMISSI

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DIM R: (R	EF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIG	HTS GIVEN IN	METRIC FC	R REF ONLY		T
DIM R: HOUSING HEIGHT		.199	.238	.258	.297	.297						
							-					
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40	2.002	409/1-9115	409/1-9210	40971-9010	409/1-9410	40971-9010	]					
	FE	5.0 MM	60 MM	65 MM	75 MM	8.0. MM						
		5.0 111	0.0 111	0.5 111		0.0 111	I STALK HEIG			JR REF UNLT		
		199	238	258	297	297						
	л ми						-					
19	1.232	45971-0117	45971-0217	45971-0317	45971-0417	45971-0517	-					
10	0.782	45971-1117	45971-1217	45971-1317	45971-1417	45971-1517	-					
20	1.282	45971-2117	45971-2217	45971-2317	45971-2417	45971-2517						
30	1.782	45971-3117	45971-3217	45971-3317	45971-3417	45971-3517	-					
40	2.282	45971-4117	45971-4217	45971-4317	45971-4417	45971-4517	-					
50	2.782	45971-5117	45971-5217	45971-5317	45971-5417	45971-5517	-					
15	1.032	45971-6117	45971-6217	45971-6317	45971-6417	45971-6517	-					
25	1.532	45971-7117	45971-7217	45971-7317	45971-7417	45971-7517						
35	2.032	45971-8117	45971-8217	45971-8317	45971-8417	45971-8517	1 1			S THE FOLLOW	ING OPTIONS	>
45	2.532	45971-9117	45971-9217	45971-9317	45971-9417	45971-9517	1			TIN / LEAD		
	11		I	Ι.			1	PACKAG	ING: TRAY	S AND TAPE	AND REEL	
			SEE SHEET 1 EC NO: UCP2010-2270 DRWN:IGREG0R1 2010/03/05 CHYD: JCOMERC1 2010/03/05 APPR: JCOMERC1 2010/03/05 EV DESCRPTION	(UNL 4 PLA( 3 PLA( 2 PLA( 1 PLA DRAF1	ESS SPECIFIED 	ABLE	H ONLY DATE 2005/05/ DATE 2005/05/ Y DATE 2010/03/ CHART DRAWING COT	17 05 molex 1 DOCUMENT NO	INCH SECEPTA .050 MOLEX SD-4597 MATION THA	INCORPOF 71-001	ROJECTION MBLY RATED SHEET N 8 OF 2 ARY TO MOLE	NO. 10
th from		AM T				3		2				_
	DIM R: HOUSING HEIGHT POSITION 19 10 20 30 40 50 15 25 35 45 0 IM R: (R DIM R: (R 0) 15 25 30 40 50 15 25 35 45 35 45	DIM R: (REF)         DIM R:         HOUSING         HEIGHT         POSITION       DIM RI         19       1.232         10       0.782         20       1.282         30       1.782         30       2.782         30       2.782         30       2.782         35       2.032         25       2.532         DIM R: (REF)       DIM RI         HOUSING       1.532         HEIGHT       1232         10       0.782         20       1.282         10       0.782         20       1.232         10       1.232         10       0.782         20       1.282         10       2.882         30       1.782         30       1.782         30       1.782         30       1.782         30       1.782         30       1.782         30       2.782         30       2.782         30       2.782         30       2.782         35       2	DIM R: (REF)         5.0 MM           DIM R:         5.0 MM           DIM R:         199           HOUSING         1.199           POSITION         DIM M         MATERIAL NO           19         1.232         45971-0113           10         0.782         45971-2113           10         0.782         45971-2113           20         1.282         45971-2113           30         1.782         45971-2113           30         1.782         45971-2113           30         1.782         45971-2113           30         1.782         45971-2113           30         1.782         45971-5113           50         2.782         45971-6113           50         2.782         45971-7113           35         2.032         45971-8113           45         2.532         45971-9113           35         2.032         45971-9113           35         2.032         45971-9113           9         1.532         45971-9113           9         1.232         45971-9117           10         0.782         45971-9117           10         0.782	DIM R: (REF)         5.0 MM         6.0 MM         N           DIM R:         Image: Normal Signam	DM R: (REF)         5.0 MM         6.0 MM         6.5 MM           DIM R: HOUSING	DIM R: (REF)         5.0 MM         6.0 MM         6.5 MM         7.5 MM           DIM R: HOUSING         .199         .238         .258         .297           POSITION DIM M         MATERIAL NO         MATERIAL NO         MATERIAL NO         MATERIAL NO           19         1.232         45971-0113         45971-0213         45971-0313         45971-0413           20         1.282         45971-1113         45971-2213         45971-2313         45971-2413           30         1.762         45971-5113         45971-2313         45971-2413         45971-4413           40         2.282         45971-5113         45971-5213         45971-5313         45971-4413           50         2.782         45971-6113         45971-5213         45971-5313         45971-4413           25         1.532         45971-6113         45971-8213         45971-813         45971-8413           45         2.532         45971-9113         45971-9213         45971-913         45971-9413           455         2.532         45971-9113         45971-9213         45971-913         45971-9413           455         2.532         45971-9113         45971-9213         45971-913         45971-9413           UDIN R:	DM R: (REF)         5.0 MM         6.0 MM         6.5 MM         7.5 MM         8.0 MM           DM R: HOUSING         1.99         .238         .258         .297         .297           POSITION         DM M         MATERIAL INO         MATERIAL NO         MATERIAL NO	DM R: (REF)         5.0 MM         6.0 MM         6.5 MM         7.5 MM         8.0 MM         S.TACK HEIG           DM R: HUGSNG	DM R:         RE         S.D. MM         6.0. MM         6.5. MM         7.5 MM         8.0. MM         STACK         HEIGHT         .199         .238         .258         .297         .297         .297           POSITION DM M         MATERIAL NO         MAT	DM R:         BL         M         6.0 MM         6.5 MM         7.5 MM         8.0 MM         STACK HEIGHTS GIVEN IN METRIC FC           DM R:         HUUSING         H99         2.38         297         297           POSITION DM M         MATERIAL NO         MATERIAL NO	DIM R: REP:     50 MM     60 MM     65 MM     75 MM     80 MM     STACK HEIGHTS GVEN IN METRIC FOR REF ONLY       DIM R: HOUSING HEIGHT     199     238     258     297     297       POSITION [DM M     MATERIAL NO     MATERIAL NO     MATERIAL NO     MATERIAL NO       10     0.022     45971-013     45971-013     45971-013     45971-013       10     0.022     45971-013     45971-013     45971-213     45971-213       10     0.022     45971-013     45971-213     45971-213     45971-213       10     0.022     45971-113     45971-213     45971-213     45971-213       10     0.022     45971-113     45971-131     45971-213     45971-513       10     0.022     45971-513     45971-513     45971-513     45971-513       10     0.222     45971-513     45971-513     45971-513     45971-513       10     0.22     45971-513     45971-513     45971-513     45971-513       17     10     0.22     45971-123     45971-1313     45971-617       12     122     45971-123     45971-1313     45971-1313     45971-513       10     NO E     109     238     297     297       101 R1     MATERIAL NO	DH R. (REF)     SO MM     6.0 MM     6.5 MM     7.5 MM     8.0 MM     STACK HEGHTS GWEN N METRIC FOR REF ONLY       DM R.     H00NT     199     238     258     297     297       PG0TON     M NETRIL NO     M NETRIL NO     M NETRIL NO     M NETRIL NO       19     (232     4597-1013     4597-1023     4597-1033     4597-1033     4597-1033       10     0.782     4597-113     4597-123     4597-1333     4597-1333     4597-1333       20     1.02     4597-1313     4597-1233     4597-1333     4597-1333     4597-1333       20     1.02     4597-1313     4597-1333     4597-1333     4597-1333     4597-1333       25     (532     4597-1313     4597-1333     4597-1333     4597-1333       25     (532     4597-1313     4597-1333     4597-1333     4597-1333       25     (532     4597-1313     4597-1333     4597-1333     4597-1333       25     102     257     257     257     257     257       27     199     238     257     257     257     257       28     297     297     297     297     297       10     122     4597-1471     4597-1431     4597-1431     4

		6		5	4		З		2		1	,
	DIM I		5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGH	TS GIVEN IN ME	TRIC FOR REF	ONLY	
			.199	.238	.258	.297	.297					
C C		TION DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO					
		1.232	45971-0121	45971-0221	45971-0321	45971-0421	45971-0521					
ā	ž 10	0.782	45971-1121	45971-1221	45971-1321	45971-1421	45971-1521					
Ì	20	1.282	45971-2121	45971-2221	45971-2321	45971-2421	45971-2521					
0	⊥  30	1.782	45971-3121	45971-3221	45971-3321	45971-3421	45971-3521					
	¥ 40	2.282	45971-4121	45971-4221	45971-4321	45971-4421	45971-4521					
Ē	50	2.782	45971-5121	45971-5221	45971-5321	45971-5421	45971-5521					
	15	1.032	45971-6121	45971-6221	45971-6321	45971-6421	45971-6521					
	25	1.532	45971-7121	45971-7221	45971-7321	45971-7421	45971-7521					
	35	2.032	45971-8121	45971-8221	45971-8321	45971-8421	45971-8521					
	45	2.532	45971-9121	45971-9221	45971-9321	45971-9421	45971-9521					
	DIM I	R: (REF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGH	TS GIVEN IN ME	TRIC FOR REF	ONLY	
	DIM I	२:										
	HOUS	SING										
8	HEIG	HT	.199	.238	.258	.297	.297					
	POSI	TION DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO					
	- POSI	1.232	45971-0125	45971-0225	45971-0325	45971-0425	45971-0525					
	1 10	0.782	45971-1125	45971-1225	45971-1325	45971-1425	45971-1525					
	20	1.282	45971-2125	45971-2225	45971-2325	45971-2425	45971-2525					
Ī	20 30	1.782	45971-3125	45971-3225	45971-3325	45971-3425	45971-3525					
		2.282	45971-4125	45971-4225	45971-4325	45971-4425	45971-4525					
	¥ 50	2.782	45971-5125	45971-5225	45971-5325	45971-5425	45971-5525					
ŀ	15	1.032	45971-6125	45971-6225	45971-6325	45971-6425	45971-6525					
	25	1.532	45971-7125	45971-7225	45971-7325	45971-7425	45971-7525					
	35	2.032	45971-8125	45971-8225	45971-8325	45971-8425	45971-8525	1. 1	NO OF ROWS:		LOWING OPTIONS	
	45	2.532	45971-9125	45971-9225	45971-9325	45971-9425	45971-9525		SOLDER CHAF	RGE: TIN		
				3/05		ERAL TOLERAN		I SION STYLE H ONLY	SCALE DES	TRAYS AND TA	THIRD ANG	ίĻΕ
				ET 1 2010-2270 0R1 2010/03/05 RC1 2010/03/05 RC1 2010/03/05 SCERPTION	4 PLA 3 PLA 2 PLA	CES ± ± CES ± ±.0 CES ± ±	ICH DRAWN BY TGREGOR I 05 CHECKED BY JCOMERC I	DATE 2005/05/17 DATE 2005/05/17	TITLE REC	SEARA EPTACLE A .050 CENT	ASSEMBLY	<u>N</u>
				SEE SHEET 1 EC NO: UCP2010-2270 DRWN:IGREGORI 2010/ CHYCJ:LOMERCI 2005/ APPR.JCOMERCI 2010/ DESCENPTION	DRAF	<u>.ce  ±  ±</u> ANGULAR ± WHERE APPLIC _MUST REMAIN	ABLE	2010/03/05 CHART	DOCUMENT NO.	-45971-001	PORATED SHEET 9 OF	10
L				Rev O	]W	ITHIN DIMENSIONS		PORATED AND	SHOULD NOT BE	USED WITHOUT	WRITTEN PERMISS	5101
	th	frame_A_P_	AM T I	5	4		З		2	1	1	

		6			5		4	3		2			1	
	DIM R: (R	EF)	5.0 MM		6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HE	IGHTS GIVEN	IN METRIC F	OR REF ONL'	Y	
1-001	DIM R: HOUSING HEIGHT		.199		.238	.258	.297	.297						
45971	POSITION	DIM M	MATERI	AL NO	MATERIAL NO	MATERIAL NO	) MATERIAL NO	MATERIAL NO						
	19	1.232	45971-0	0123	45971-0223	45971-0323	45971-0423	45971-0523						
Æ	10	0.782	45971-1	1123	45971-1223	45971-1323	45971-1423	45971-1523						
PACK	20	1.282	45971-2	2123	45971-2223	45971-2323	45971-2423	45971-2523						
	30	1.782	45971-3	3123	45971-3223	45971-3323	45971-3423	45971-3523						
RΑΥ	40	2.282	45971-4	4123	45971-4223	45971-4323	45971-4423	45971-4523						
Ë	50	2.782	45971-5	5123	45971-5223	45971-5323	45971-5423	45971-5523						
	15	1.032	45971- <i>6</i>	5123	45971-6223	45971-6323	45971-6423	45971-6523						
	25	1.532	45971-7	7123	45971-7223	45971-7323	45971-7423	45971-7523						
	35	2.032	45971-8	3123	45971-8223	45971-8323	45971-8423	45971-8523						
	45	2.532	45971-9	9123	45971-9223	45971-9323	45971-9423	45971-9523	1					
					1				-					
	DIM R: (R	EF)	5.0 MM		6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HE	GHTS GIVEN	IN METRIC FO	OR REF ONLY	Y	
	DIM R: HOUSING													
002	HEIGHT		.199		.238	.258	.297	.297						
7-0	POSITION	DIM M	MATERI	AL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO						
45971-	19	1.232	45971-0	0127	45971-0227	45971-0327	45971-0427	45971-0527						
PK-2	10	0.782	45971-1	1127	45971-1227	45971-1327	45971-1427	45971-1527						
	20	1.282	45971-2	2127	45971-2227	45971-2327	45971-2427	45971-2527						
PACK	30	1.782	45971-3	3127	45971-3227	45971-3327	45971-3427	45971-3527						
	40	2.282	45971-4	4127	45971-4227	45971-4327	45971-4427	45971-4527						
TRAΥ	50	2.782	45971-5	5127	45971-5227	45971-5327	45971-5427	45971-5527						
	15	1.032	45971-€	5127	45971-6227	45971-6327	45971-6427	45971-6527		TEC				
	25	1.532	45971-7	7127	45971-7227	45971-7327	45971-7427	45971-7527		TES: THIS SHEET	CONTAINS T	HE FOLLOWIN	NG OPTIONS	
	35	2.032	45971-8		45971-8227	45971-8327	45971-8427	45971-8527		NO OF RO	DWS: 12			
	45	2.532	45971-9	€127	45971-9227	45971-9327	45971-9427	45971-9527			CHARGE: TIN NG: TRAYS /		ND REEL	
					270 2010/03/05 2005/05/17 2010/03/05		NERAL TOLERAN		ISION STYLE	SCALE 1:1	DESIGN UNIT	s or 1	THIRD ANGL	  _  
					D-2	4 PL 3 PL 2 PL	mm         IN           ACES         ±         ±           ACES         ±         ± .C           ACES         ±         ± .C	NCH DRAWN BY TGREGORI 005 CHECKED BY JCOMERCI	DATE 2005/01 DATE 2005/01		RECEPTA	SEARAY	SEMBLY	
					SEE SHEET EC NO: UCP2010 DRWN:IGREGORI APPR: JCOMERCI APPR: JCOMERCI		<u>ACE  ±  ±</u> <u>ANGULAR ±</u> FT WHERE APPLIC	-• JCOMERCI MATERIAL NO	2010/0	B/05 MOLEX		INCORPC	RATED	
	th from				0		MUST REMAIN	S A INCOR	DRAWING C	ND SHOULD N	RMATION THA	T IS PROPRIE	TARY TO MOLE	E)
	ווט וו _נוו	ie_A_P_ 2006/0-	AUL I		5	1	4	3		2			1	