

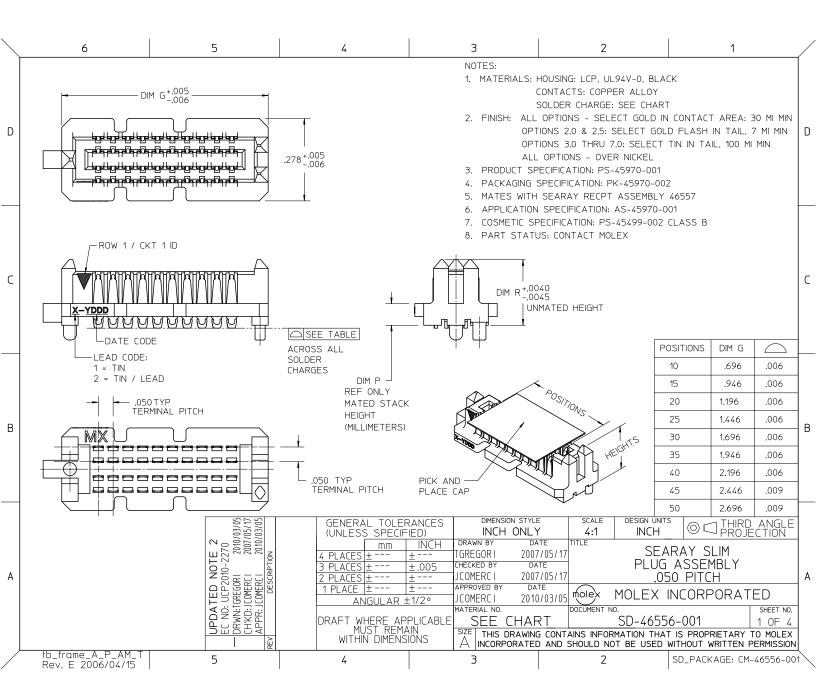
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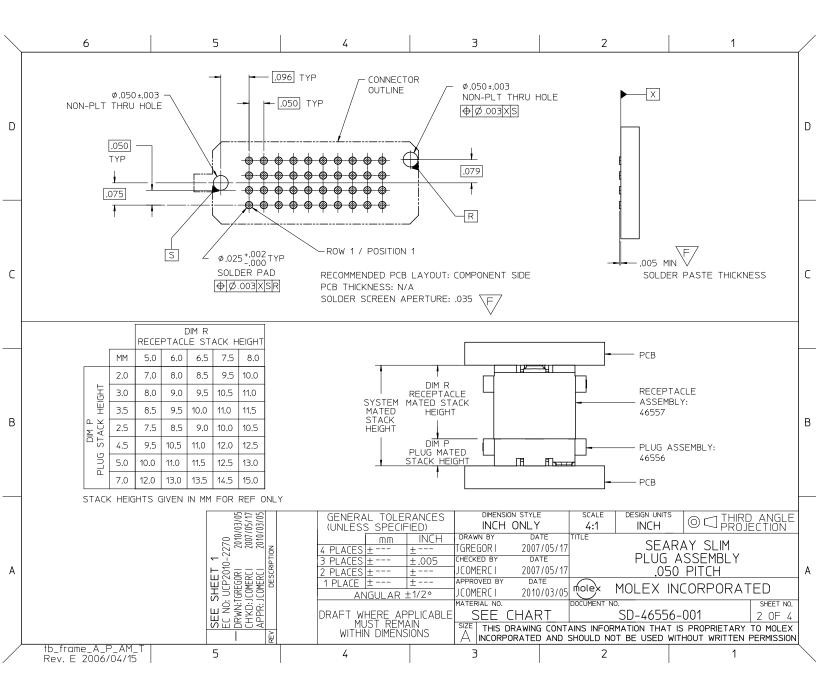
Status:AcDescription:1.23) Pitch SEARAY* Slim Plug, 80 Circuits, 7.00mm With Pegs, Solder Charge™ Lead-free	
Documents: 3D Model Drawing (PDF)		Product Specification PS-45970-001 (PDF) RoHS Certificate of Compliance (PDF)	
Agency Certification			Series image - Reference only
CSA UL		19980 9179	EU RoHS China RoHS
General			ELV and RoHS
Product Family Series Application Product Name	<u>465</u> Boa	B Headers 556 ard-to-Board ARAY*	Compliant REACH SVHC Not Reviewed Halogen-Free Status
Physical			Status Not Reviewed
Breakaway Circuits (Loaded)	No 80		Need more information on product environmental compliance?
Circuits (maximum) Circuits Detail Color - Resin	80 80 Bla ax) 100		Email <u>productcompliance@molex.com</u> For a multiple part number RoHS Certificate of Compliance, <u>click here</u>
Durability (mating cycles m First Mate / Last Break Flammability Glow-Wire Compliant	ax) 100 No 94\ No	V-0	Please visit the <u>Contact Us</u> section for any non-product compliance questions.
Guide to Mating Part Keying to Mating Part	Yes No	s ne	
Lock to Mating Part Material - Metal Material - Plating Mating	Go	pper Alloy	Search Parts in this Series 46556Series
Material - Plating Terminati Material - Resin Number of Rows		h Temperature Thermoplastic	Mates With 46557 SEARAY* Slim Receptacles
Orientation PCB Locator PCB Retention	Ver Yes Yes		
PCB Thickness Recommer PCB Thickness Recommer	nded (in) 0.0 nded (mm) 1.6	62 ln 0 mm	
Packaging Type Pitch - Mating Interface (in) Pitch - Mating Interface (mr	0.0	ibossed Tape on Reel 50 In 7 mm	
Pitch - Term. Interface (in) Pitch - Term. Interface (mm Plating min: Mating (µin)		50 ln 7 mm	
Polarized to Mating Part Polarized to PCB Robotic Placement	Yes Yes		
Shrouded	No		
Stackable Surface Mount Compatible Temperature Range - Oper			
Termination Interface: Style		rface Mount	

Electrical Current - Maximum per Contact Voltage - Maximum	1A 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	20 Reflow Capable (SMT only) 3 260
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-45970-002 PS-45970-001 SD-46556-001 TS-45970-001

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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: HOUSING HEIGHT:	.221	.260	.280	.241	.319	.339	.418		
D	POSITIONS	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL N	0	D
	10	46556-1145	46556-1245	46556-1345	46556-1445	46556-1545	46556-1645	46556-1745		
	20	46556-2145	46556-2245	46556-2345	46556-2445	46556-2545	46556-2645	46556-2745		
	30	46556-3145	46556-3245	46556-3345	46556-3445	46556-3545	46556-3645	46556-3745		
	40	46556-4145	46556-4245	46556-4345	46556-4445	46556-4545	46556-4645	46556-4745	_	
	50	46556-5145	46556-5245	46556-5345	46556-5445	46556-5545	46556-5645	46556-5745		
-	15	46556-6145	46556-6245	46556-6345	46556-6445	46556-6545	46556-6645	46556-6745		
С	25	46556-7145	46556-7245	46556-7345	46556-7445	46556-7545	46556-7645	46556-7745	_	C
	35	46556-8145	46556-8245	46556-8345	46556-8445	46556-8545	46556-8645	46556-8745		
	45	46556-9145	46556-9245	46556-9345	46556-9445	46556-9545	46556-9645	46556-974		
В								ONTAINS THE FO	OLLOWING OPTIONS	В
А			SEE SHEET 1 EC NO: UCP2010-2270 DRWN:1GREG0R1 2010/03/05 CHTKD:1C0MERC1 2017/05/17 APPR: JC0MERC1 2010/03/05	(UNLE 3 PLACI 2 PLACI 2 PLACI 1 PLACI 1 PLACI DRAFT	RAL TOLERANCES SS SPECIFIED) mm INCH ES ± ES ± ES ± ES ± ES ± E ± ANGULAR ±1/2° WHERE APPLICABI MUST REMAIN HIN DIMENSIONS	INCH ONL DRAWN BY TGREGORI 20 CHECKED BY JCOMERCI 20 APPROVED BY JCOMERCI 20 MATERIAL NO. ESEE CHA SIZE THIS DRAWI	Y 1:1 DATE TITLE 07/05/17 DATE 07/05/17 DATE 10/03/05 MOLEX 10/03/05 MOLEX NG CONTAINS INFORM	SD-46556-00	SLIM SEMBLY ITCH RPORATED	A

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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		Ţ
	DIM R: HOUSING HEIGHT:	.221	.260	.280	.241	.319	.339	.418		
D	POSITIONS	MATERIAL NO)							
	10	46556-1147	46556-1247	46556-1347	46556-1447	46556-1547	46556-1647	46556-1747		
	20	46556-2147	46556-2247	46556-2347	46556-2447	46556-2547	46556-2647	46556-2747		
	30	46556-3147	46556-3247	46556-3347	46556-3447	46556-3547	46556-3647	46556-3747		
	40	46556-4147	46556-4247	46556-4347	46556-4447	46556-4547	46556-4647	46556-4747		
	50	46556-5147	46556-5247	46556-5347	46556-5447	46556-5547	46556-5647	46556-5747		
С	15	46556-6147	46556-6247	46556-6347	46556-6447	46556-6547	46556-6647	46556-6747		
_	25	46556-7147	46556-7247	46556-7347	46556-7447	46556-7547	46556-7647	46556-7747		
	35	46556-8147	46556-8247	46556-8347	46556-8447	46556-8547	46556-8647	46556-8747		
	45	46556-9147	46556-9247	46556-9347	46556-9447	46556-9547	46556-9647	46556-9747		
В										E

NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS SOLDER CHARGE: TIN / LEAD

		GENERAL (UNLESS) (00000000000000000000000000000000000	_ TOLERANCES SPECIFIED)	DIMENSION STYLE	SCALE DESIGN UNI 1:1 INCH	™ © ⊂ THIRE) ANGLE ECTION
А			± ±.005 CH	DRAWN BY DATE GREGORI 2007/05/11 HECKED BY DATE COMERCI 2007/05/11	PLUC	ARAY SLIM 5 ASSEMBLY 50 PITCH	Δ
	SHEE	김영策策비 <u>1 PLACE</u> ±	GULAR ±1/2° JC	PPROVED BY DATE COMERCI 2010/03/09 ATERIAL NO.		INCORPORAT	ED SHEET NO.
			IERE APPLICABLE	SEE CHART	SD-465	T IS PROPRIETARY	4 OF 4 TO MOLEX
	tb_frame_A_P_AM_T Rev. E 2006/04/15 5			3	2		FERMISSIUN