

Excellent Integrated System Limited

Stocking Distributor

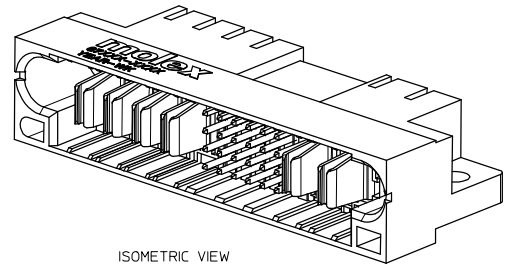
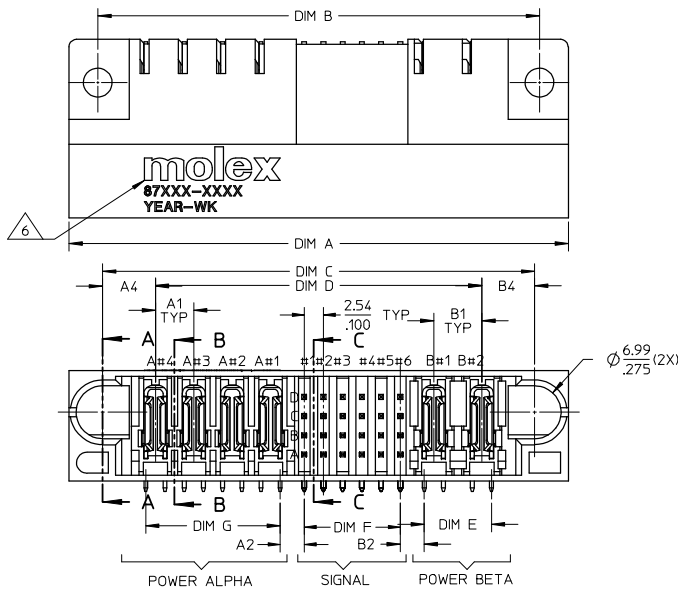
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0878054001](#)

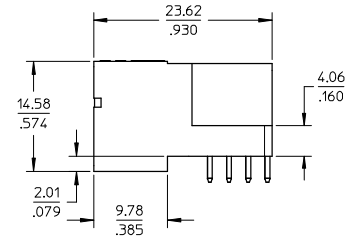
For any questions, you can email us directly:

sales@integrated-circuit.com

10 9 8 7 6 5 4 3 2 1



ISOMETRIC VIEW

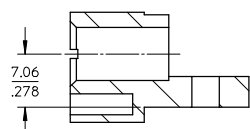


NOTES:

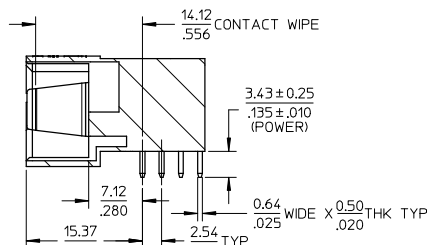
1. MATERIALS: HOUSING - LCP, GLASS FILLED, UL94V-0, COLOUR: BLACK
POWER PINS - COPPER ALLOY
SIGNAL PINS - COPPER ALLOY
2. FINISHES: POWER & SIGNAL PINS:
SELECTIVE GOLD IN CONTACT AREA.
THICKNESS= 0.76 MICROMETER/ 30 MICROINCH MINIMUM
SELECTIVE TIN ALLOY IN THE PC TAIL AREA
THICKNESS= 2.54 MICROMETER/100 MICROINCH MINIMUM WITH
1.27µm MINIMUM NICKEL UNDERPLATE OVERALL.
3. PRODUCT SPECIFICATION: PS-87805-006.
4. SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT AND THICKNESS.
△ COMPONENT STAY AWAY ZONE FROM CONNECTOR.
△ MANUFACTURER LOGO, PART NUMBER AND YEAR-WEEK CODE.
△ PCB NOTE FOR DIAMETER 1.02/0.40 PLATED HOLE.
- DRILLED HOLE SIZE IS 1.151/0.453.
- PLATED WITH 0.007/0.0003 MINIMUM TIN OVER 0.03/0.01
TO 0.08/0.003 COPPER PLATING TO ACHIEVE 1.02±0.08/0.40±0.003 HOLE.
8. 4P ALPHA- 24 SIGNAL-2P BETA CONFIGURATION IS SHOWN FOR ILLUSTRATION.

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
▽=0	▽=0	4 PLACES ±---	±---	mm	INCH	DRAWN BY BHLW	DATE 2003/05/27	POWER CONNECTOR HEADER P(A)-S-P(B) CONFIG. R/A, T/H, .200 VERSION	
▽=0	▽=0	3 PLACES ±---	±.010	mm	INCH	CHECKED BY PTLIM	DATE 2003/06/11		
▽=0	▽=0	2 PLACES ±0.25	±---	mm	INCH	APPROVED BY SKTOH	DATE 2003/06/13	MOLEX INCORPORATED	
▽=0	▽=0	1 PLACE ±---	±---	mm	INCH	MATERIAL NO.	DOCUMENT NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-87805-010	
PDR#S-001793-00-00		EC NO. S2008-0944		DRAWN BY DRWNSKANG		CHECKED BY CHKDAI SEE		APPROVED BY APPR:MLONG	
REV D2		DESCRIPTION		DATE 2008/05/06		DATE 2008/05/07		DATE 2008/05/07	

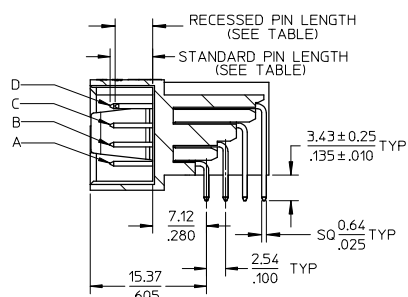
9 8 7 6 5 4 3 2 1



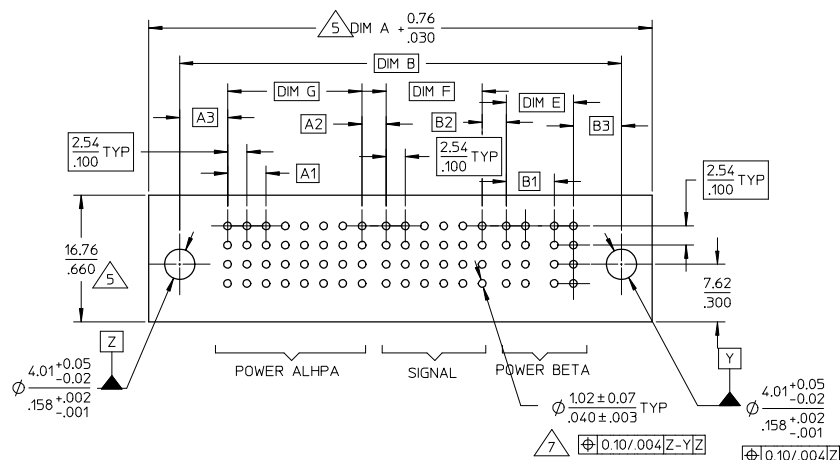
SECTION A-A



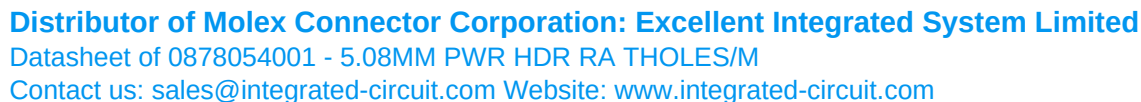
SECTION B-B



SECTION C-C



PDR#S-001793-00-00 EC NO: S208 DPN#S: SCANG CHKD#S: 2008/05/06 CHKD#S: 2008/05/07 APPROVAL# 2008/05/07 D2	DESCRIPTION EV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		▼=0		mm	INCH	DRAWN BY BHLW	DATE 2003/05/27	TITLE POWER CONNECTOR HEADER P(A)-S-P(B) CONFIG. R/A, T/H, .200 VERSION MOLEX INCORPORATED		
		▽=0	4 PLACES ± --- ± ---			CHECKED BY PTLIM	DATE 2003/06/11			
			3 PLACES ± --- ± .010			APPROVED BY SKTOH	DATE 2003/06/13			
			2 PLACES ± 0.25 ± ---							
			1 PLACE ± --- ± ---							
			ANGULAR ± 3 °			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87805-010		SHEET NO. 2 OF 3
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



10				9			8			7			6			5			4			3			2			1		
PART NUMBER	P-S-P CONFIGURATION			DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	STANDARD SIGNAL PIN LENGTH	RECESSED SIGNAL PIN		POWER ALHPA				POWER BETA				PACKAGING								
	POWER ALHPA	SIGNAL	POWER BETA									LENGTH	LOCATION	A1	A2	A3	A4	B1	B2	B3	B4									
87805-4001	4	24	2	66.04 2.600	58.42 2.300	57.15 2.250	43.18 1.700	8.89 .350	12.70 .500	17.78 .700	6.86/.270	5.59/.220	A6, B3	5.08	3.18	6.35	6.98	6.35	3.18	6.35	6.98	TRAY								
87805-4002	4	28	4	77.47 3.050	69.85 2.750	68.58 2.700	54.61 2.150	17.78 .700	15.24 .600	17.78 .700		6.86/.270	5.59/.220	B4	5.08	3.18	6.35	6.98	5.08	3.18	6.35	6.98	TRAY							
87805-4007	3	20	3	62.33 2.450	54.61 2.150	53.34 2.100	39.37 1.550	12.70 .500	10.16 .400	12.70 .500			6.86/.270	NIL	NIL	5.08	3.18	6.35	6.98	5.08	3.18	6.35	6.98	TRAY						
87805-4008	2	24	2	54.61 2.150	47.00 1.850	45.72 18.00	31.76 1.250	7.62 .300	12.70 .500	7.62 .300	6.86/.270			5.59/.220	A1,A2,B1, B2,D1,D2	5.08	3.18	6.35	6.98	5.08	3.18	6.35	6.98	TRAY						
87805-4009	2	16	2	49.53 1.950	41.91 1.650	40.64 1.600	26.68 1.050	7.62 .300	7.62 .300	7.62 .300		6.86/.270		5.59/.220	B3	5.08	3.18	6.35	6.98	5.08	3.18	6.35	6.98	TRAY						
87805-4010	4	24	4	74.93 2.950	67.31 2.650	66.04 2.600	52.08 2.050	17.78 .700	12.70 .500	17.78 .700			6.86/.270	5.59/.220	A1,C1,C2, D1,D2,D6	5.08	3.18	6.35	6.98	5.08	3.18	6.35	6.98	TRAY						
87805-4012	3	20	10	104.14 4.100	96.52 3.800	95.25 3.750	80.65 3.175	48.26 1.900	10.16 .400	17.78 .700	6.86/.270			5.59/.220	A1	7.62	3.81	6.98	7.62	5.08	3.18	6.35	6.98	TRAY						
87805-4014	4	12	4	67.31 2.650	59.69 2.350	58.42 2.300	44.46 1.750	17.78 .700	5.08 .200	17.78 .700		6.86/.270		5.59/.220	C2	5.08	3.18	6.35	6.98	5.08	3.18	6.35	6.98	TRAY						