

Excellent Integrated System Limited

Stocking Distributor

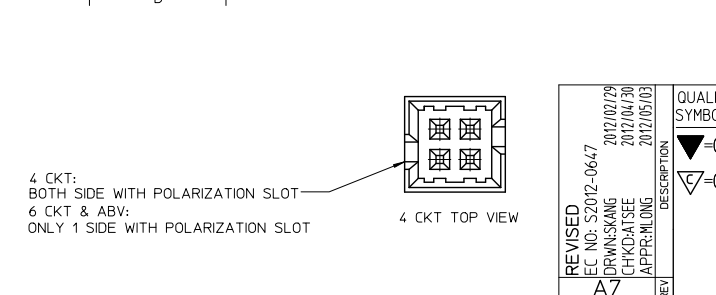
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[Molex Connector Corporation](#)
[0878321043](#)

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Diagram illustrating the dimensions for a 5-pin D-sub connector. The dimensions are labeled 6 through 10. Dimension 10 is the total width. Dimension 9 is the distance from the center of the first pin to the center of the last pin. Dimension 8 is the distance from the center of the first pin to the center of the second pin. Dimension 7 is the distance from the center of the last pin to the center of the second-to-last pin. Dimension 6 is the distance from the center of the last pin to the center of the second-to-last pin. A note indicates that rib locations vary depending on connector sizes.



- NOTES:
1. FOR ILLUSTRATION PURPOSES, 8 CIRCUIT SIZE WAFER IS SHOWN.
 2. MATERIAL :
HOUSING & CAP : 30% G.F., NYLON 46, UL94V-0, COLOR BLACK.
PIN : 0.50MM SQ.PHOSPHOR BRONZE.
 3. PLATING :
40, 41 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN.TIN IN
SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
42, 43 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN.TIN IN
SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
4. PIN PUSHOUT FORCE : 0.91 KG MIN. IN EITHER DIRECTION.
5. PRODUCT SPECIFICATION PS-87831-027 APPLIES.
 6. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL
ON A GAUGE SURFACE.
 7. CAP TO BE POSITION IN THE CENTER OF HEADER FOR
PICK AND PLACE.
 8. CKT 4 & 6 HAS NO IDENTIFICATION TAG.
 9. THIS HEADER MATES WITH MOLEX:
a) CRIMP RECEPTACLE HOUSING, 51110 SERIES
WITH CRIMP TERMINAL, 50394 SERIES.
b) 2MM MILLIGRID DUAL ROW IDT, 87568 SERIES.
 10. PARTS SHALL BE PACKED IN MOISTURE BAG WITH DESICCANT GEL.
 11. NO CENTRE POLARIZATION SLOT FOR CKT SIZE 4 AND 6.

REVISED EC NO: S202-0647 DRAWN: SKG CHKD:ATSEE APPR:MLNG A7	2012/07/29	2012/04/30	2012/05/03	DESCRIPTION DRAWING	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
					 =0  =0		mm	INCH	DRAWN BY ATSEE	DATE 2004/07/29	TITLE MGRID, SHROUDED HEADER W/PEG/CAP/LOCK FEATURES SMT, IN TUBE AND T&R		
					4 PLACES	± ---	± ---		CHECKED BY	DATE	 MOLEX INCORPORATED		
					3 PLACES	± ---	± ---		KCLING	2004/08/05			
					2 PLACES	± 0.15	± ---		APPROVED BY	DATE			
					1 PLACE	± ---	± ---		SKTOH	2004/08/05			
					ANGULAR ± 3 °				MATERIAL NO.	DOCUMENT NO.		SHEET NO. 1 OF 2	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87832-013				
							SIZE 3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

