

Excellent Integrated System Limited

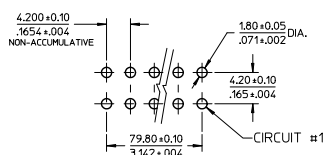
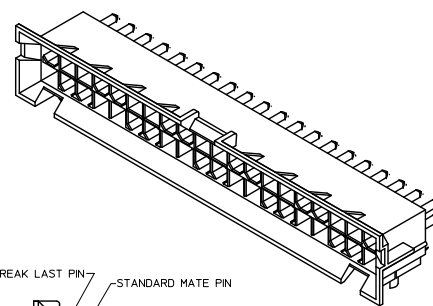
Stocking Distributor

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

[Molex Connector Corporation](#)
[0439730003](#)

For any questions, you can email us directly:

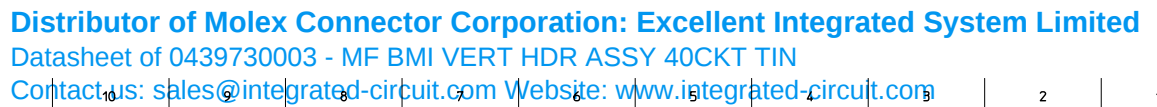
sales@integrated-circuit.com



1.60/(1.063) RECOMMENDED MINIMUM PCB THICKNESS

- 1) MATERIAL
HOUSING
NYLON 46, GLASS-FILLED,UL94V-0
COLOR - BLACK
TERMINAL PIN: BRASS ALLOY
- 2) FINISH
1= 0.00254 /(.000100) MIN. MATTE TIN OVER
0.00127/ (.000050) MIN. NICKEL
- 3) PRODUCT SPECIFICATION: PS-43759-0001
PACKAGE SPECIFICATION: PK-42404-002
- 5) PART MATES WITH MINI-FIT JR. RECEPTACLE 43974-0002 & 43974-0005.
- 6) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.
- 7) CIRCUITS SHOWN PROVIDE THE "MATE-FIRST/BREAK-LAST" FEATURE"
SEE CHART ON SHEET TWO FOR EXACT LOCATION.
- 8) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.
- 9) PART ALLOWS FOR .050/(1/2) MISALIGNMENT WITH MATING RECEPTACLE
IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC
ALLOWANCES.
- 10) DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS
INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING
EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL
AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE
HEADER ASSEMBLY.
- 11) PARTS ARE NOT DESIGNED FOR CURRENT SHARING.

CHG DIM A TOL EC NO: JCP2012-3564 DRAWING NO. CHKD: JELL APPR: F5H11 2017/05/04 2017/05/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE
		mm	INCH	MM/IN		2:1	METRIC	PROJECTION
		4 PLACES $\pm .010$	$\pm .010$	DRAWN BY	DATE	TITLE		
		3 PLACES $\pm .025$	$\pm .015$	CHECKED BY	DATE	VERTICAL HEADER ASSEMBLY		
		1 PLACE $\pm .038$	$\pm .015$	BANDURA	03-08-01	40 PIN M-F BMI SERIES		
		ANGULAR $\pm 1/2^\circ$		APPROVED BY	DATE	SELECTIVELY LOADED		
		DRAFT WHERE APPLICABLE		FSMITH	2012/02/02	MOLEX		MOLEX INCORPORATED
		MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.	SD-43973-002	
				SEE CHART				SHEET NO.
				SIZE				1 OF 2
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



PART NUMBER		CIRCUIT SIZE	DIM. "A"	TERMINAL PIN TYPE REQUIRED AT EACH CIRCUIT LOCATION																																								
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
43973-0002		40	5.3 (.21)	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B
43973-0003		40	7.2 (.28)	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B

TERMINAL PIN LEGEND

PIN TYPE	FINISH (SEE NOTE 2)	MATING TYPE
A	1	STD.
B	1	M-F-B-L

SEE SHEET 1
EC NO: UCP202-3564
2012/05/01
DRAWN BY: DR. N. NGUYEN
CHKD: J. BELL
2012/05/01
APPR: F. SMITH
2012/05/01

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .005
3 PLACES	± .010	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± .015
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY
BANDURA
03-08-01

CHECKED BY
BANDURA
03-08-01

APPROVED BY
F. SMITH
2012/02/02

MATERIAL NO.

SEE CHART

SIZE
C

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
VERTICAL HEADER ASSEMBLY
40 PIN M-F BMI SERIES
SELECTIVELY LOADED

MOLEX
MOLEX INCORPORATED

DOCUMENT NO.
SD-43973-002

SHEET NO.
2 OF 2

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Rev. F 2009/06/18

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