Excellent Integrated System Limited

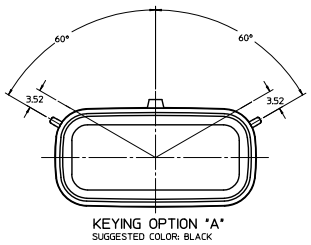
Stocking Distributor

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

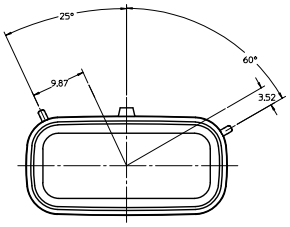
Molex Connector Corporation
0757571381

For any questions, you can email us directly:
sales@integrated-circuit.com

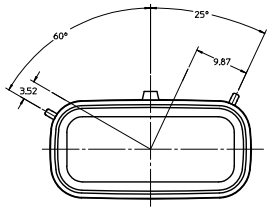
Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0757571381 - CONN HEADER 2X8 VERT BRKWAY GOLD
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



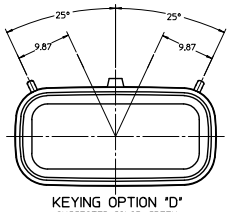
KEYING OPTION "A"
SUGGESTED COLOR: BLACK



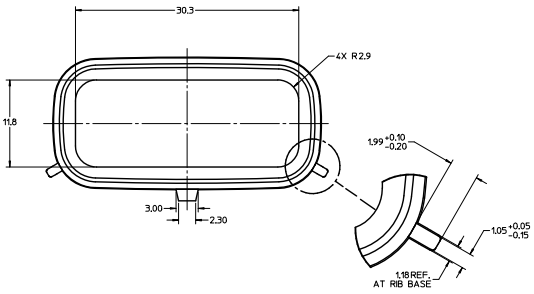
KEYING OPTION "B"
SUGGESTED COLOR: GREY

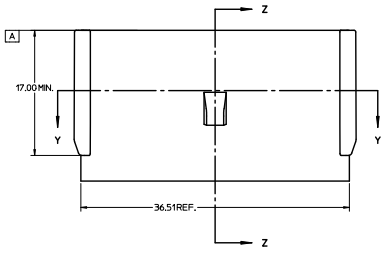


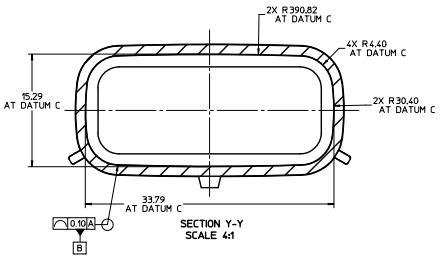
KEYING OPTION "C"
SUGGESTED COLOR: BROWN



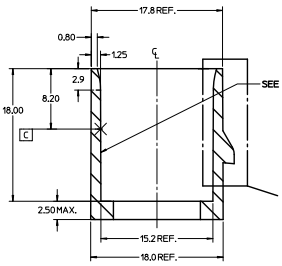
KEYING OPTION "D"
SUGGESTED COLOR: GREEN



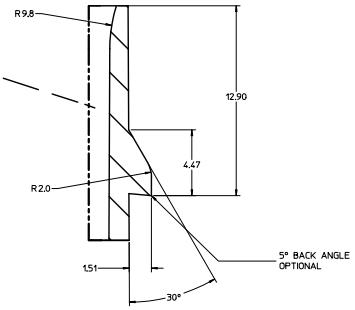




SECTION Y-Y
SCALE 4:1



SECTION Z-Z
SCALE 4:1



NOTES:
1. REFER TO MOLEX SALES DRAWING SD-75757-002 FOR THE HEADER ASSEMBLY PRODUCT DETAILS AND RECOMMENDED PCB LAYOUT.
2. KEYING OPTIONS A-D AND SUGGESTED COLORS COMPLY TO THE POLARIZATION STANDARDS ESTABLISHED FOR MATING WITH A MX150 FEMALE CONNECTOR.
3. INTERIOR SHROUD SURFACE MUST BE FREE OF DEFECTS AND PARTING LINES ALL AROUND TO ENSURE PROPER SEALING OF THE MATING MX150 FEMALE CONNECTOR.
4. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THE HEADER SHROUD POLARIZATION FEATURES (OPTIONS A-D) WILL FUNCTION PROPERLY. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER CONTACTS.
5. PERMISSIBLE DRAFT ANGLE 0.25° MAXIMUM.
6. RADII ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADII 0.25 EXCEPT AS NOTED.
7. DIMENSIONS SHOWN ABOUT A CENTERLINE ARE SYMMETRICAL ABOUT THAT CENTERLINE WITHIN HALF THE SPECIFIED TOLERANCE.

ADDED PLUG ASSY
EC NO: UCP2011-2660 2011/03/04
DRWN: DROSCA 2011/03/07
CHKD:
APPR: JCOMERCI
DESCRIPTION
REV: D

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.01	± ---
1 PLACE	± 0.2	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	J.JANTELEZIO	DATE 05/10/2006
CHECKED BY	T.MCCLELL	DATE 05/10/2006
APPROVED BY	B.ANAKIS	DATE 05/10/2006

APPLICATION SPEC
2X8 MX150 HEADER
SHROUD DETAILS

molex MOLEX INCORPORATED

MATERIAL NO. 75757-2080
DOCUMENT NO. AS-75757-208
SHEET NO. 1 OF 2
SIZE D

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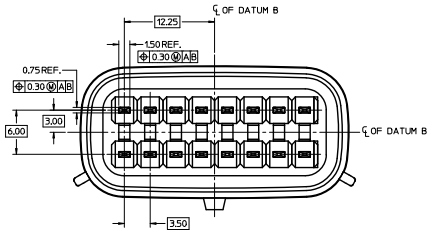
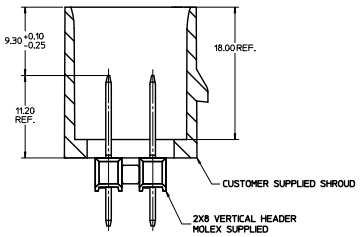
tb_frame_D_P_AM_T
Rev. D 2004/06/28

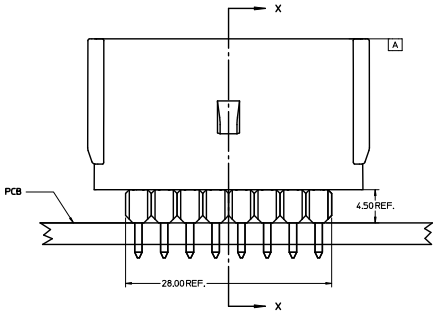
Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0757571381 - CONN HEADER 2X8 VERT BRKWAY GOLD
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

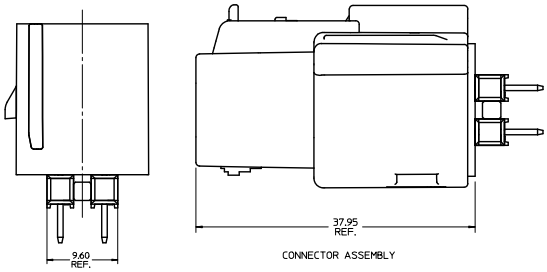
NOTES:
1. ADHERENCE TO THE HEADER APPLICATION DETAILS IS IMPERATIVE TO ENSURE PROPER SHROUD SEALING AND CONTACT ALIGNMENT WHEN MATED WITH A MX150 FEMALE CONNECTOR.





SECTION X-X





CONNECTOR ASSEMBLY

HEADER APPLICATION DETAILS

SEE SHT 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
EC NO: UCP2011-2660 2011/03/04	▼=0	mm / INCH
DRWN: DROSCA 2011/03/07	▽=0	4 PLACES ± --- / ± ---
CHKD:		3 PLACES ± --- / ± ---
APPR: JCOMERCI		2 PLACES ± 0.01 / ± ---
DESCRIPTION		1 PLACE ± 0.2 / ± ---
REV		ANGULAR ± 1/2°
D	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE: MM ONLY	SCALE: 4:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: JJANTELEZIO DATE: 05/10/2006	TITLE: APPLICATION SPEC 2X8 MX150 HEADER SHROUD DETAILS		
CHECKED BY: TMCCLELL DATE: 05/10/2006			
APPROVED BY: BANAKIS DATE: 05/10/2006	molex MOLEX INCORPORATED		
MATERIAL NO.: 75757-2080	DOCUMENT NO.: AS-75757-208	SHEET NO.: 2 OF 2	
SIZE: D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

tb_frame_D_P_AM_T
Rev. D 2004/06/28

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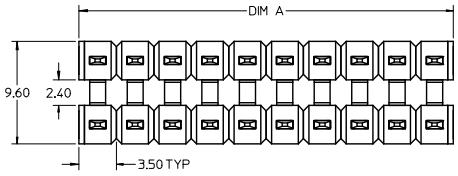
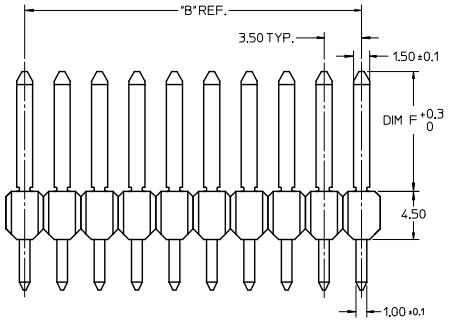
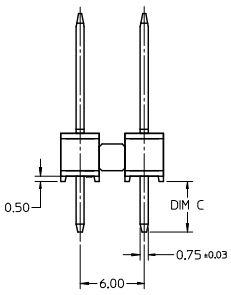
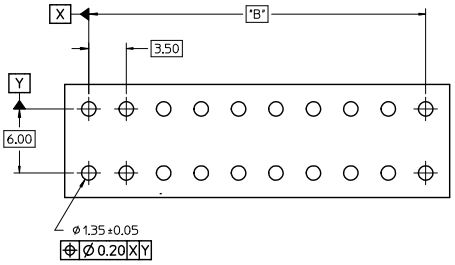


NOTES:
1. TERMINAL MAT'L: ALLOY C26000, CARTRIDGE BRASS
2. WAFER MAT'L: 30% GLASS FILLED LCP, 94V-0, COLOR BLACK.
3. TERMINAL PLATING:
   OPTION 4 - 1.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
   OPTION 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
   OPTION 2 - 1.25µm NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL AREA 0.05-0.25µm SELECT GOLD CONTACT AREA
   OPTION 3 - 1.25µm NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL AREA 0.75µm SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-340.







RECOMMENDED PCB LAYOUT

PK SPEC UPDATED	2016/05/16	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH	DIMENSION STYLE: MM ONLY	SCALE: 4:1
EC NO: 12016-0115	2016/06/03		4 PLACES	± ---	± ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN: BR02	DESCRIPTION		3 PLACES	± ---	± ---	DRAWN BY: TMCCLELL	DATE: 1/18/05
CHKD:	REV		2 PLACES	± 0.13	± ---	CHECKED BY: TMCCLELL	DATE: 1/18/05
APPR: KPRASAD			1 PLACE	± 0.25	± ---	APPROVED BY: BANAKIS	DATE: 1/18/05
TITLE:			0 PLACE	±	±	MATERIAL NO.: SEE CHART	DOCUMENT NO.: SD-75757-002
			ANGULAR ±1/2°				SHEET NO.: 1 OF 2
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE: A2	

TITLE: MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY

molex

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Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0757571381 - CONN HEADER 2X8 VERT BRKWAY GOLD
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

CKT SIZE	PLATING OPTION	MATERIAL NUMBER	"C" DIM	"F" DIM	MATERIAL NUMBER	"C" DIM	"F" DIM	MATERIAL NUMBER	"C" DIM	"F" DIM	MATERIAL NUMBER	"C" DIM	"F" DIM	"A" DIM	"B" DIM
2 x 2	1	75757-6121	3.05	27.77	75757-5121	3.05	16.09	75757-1121	3.05	11.20	75757-1122	4.75	11.20	7.0	3.50 REF
	2	75757-6221			75757-5221			75757-1221			75757-1222				
	3	75757-6321			75757-5321			75757-1321			75757-1322				
	4	75757-6421			75757-5421			75757-1421			75757-1422				
2 x 3	1	75757-6131			75757-5131			75757-1131			75757-1132			10.5	7.00
	2	75757-6231			75757-5231			75757-1231			75757-1232				
	3	75757-6331			75757-5331			75757-1331			75757-1332				
	4	75757-6431			75757-5431			75757-1431			75757-1432				
2 x 4	1	75757-6141			75757-5141			75757-1141			75757-1142			14.0	10.50
	2	75757-6241			75757-5241			75757-1241			75757-1242				
	3	75757-6341			75757-5341			75757-1341			75757-1342				
	4	75757-6441			75757-5441			75757-1441			75757-1442				
2 x 6	1	75757-6161			75757-5161			75757-1161			75757-1162			21.0	17.50
	2	75757-6261			75757-5261			75757-1261			75757-1262				
	3	75757-6361			75757-5361			75757-1361			75757-1362				
	4	75757-6461			75757-5461			75757-1461			75757-1462				
2 x 8	1	75757-6181			75757-5181			75757-1181			75757-1182			28.0	24.50
	2	75757-6281			75757-5281			75757-1281			75757-1282				
	3	75757-6381			75757-5381			75757-1381			75757-1382				
	4	75757-6481			75757-5481			75757-1481			75757-1482				
2 x 10	1	75757-6101			75757-5101			75757-1101			75757-1102			35.0	31.50
	2	75757-6201			75757-5201			75757-1201			75757-1202				
	3	75757-6301			75757-5301			75757-1301			75757-1302				
	4	75757-6401			75757-5401			75757-1401			75757-1402				

SEE SHEET 1
EC NO: I2016-0115
DRWN:BR02
CHKD:
APPR:KPRASAD

REV	DESCRIPTION	
T		2016/06/03
		2016/05/16

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN BY	TMCCLELL	1/18/05
CHECKED BY	TMCCLELL	1/18/05
APPROVED BY	BANAKIS	1/18/05

TITLE: MX150 DUAL ROW UNSHROUDED VERTICAL HEADER ASSEMBLY
molex
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-75757-002
SHEET NO.: 2 OF 2
SIZE: A2

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