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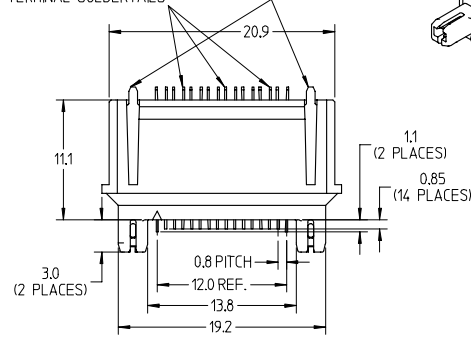
[Molex Connector Corporation](#)
[0455931602](#)

For any questions, you can email us directly:

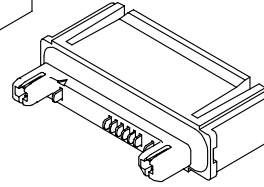
sales@integrated-circuit.com

45593

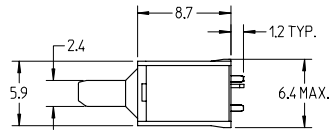
TERMINAL SOLDERTAILS LATCH SOLDERTAILS



ISOMETRIC VIEW
16 CIRCUIT MODULE

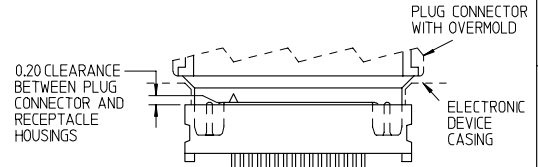


MODULE WITH VOIDED CIRCUITS
(EXAMPLE)



NOTES:

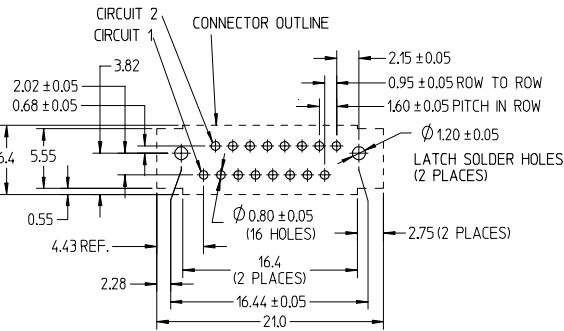
1. MATERIALS:
HOUSING - THEROPLASTIC, UL94V-0, COLOR: BLACK
TERMINALS - COPPER ALLOY
LATCHES - STAINLESS STEEL
2. FINISHES: GOLD OVER PALLADIUM-NICKEL ON CONTACT AREAS,
TIN ON SOLDER AREAS, BOTH OVER NICKEL.
3. PRODUCT SPECIFICATION: PS-44828-001
APPLICATION SPECIFICATION: AS-44828-001
4. PLEASE REFER TO MOLEX APPLICATION SPECIFICATION NO. AS-45593-001
FOR RECOMMENDATIONS FOR OVER-MOLDING AFTER CABLE ASSEMBLY.
5. PACKAGED IN VACUUM-FORMED TRAYS (2100 PIECES PER CARTON).



RECOMMENDATIONS FOR CONFIGURATION
OF MATED CONNECTORS

IMPORTANT: PLEASE REFER TO MOLEX APPLICATION SPECIFICATION
AS-44828-001 FOR DETAILED DESIGN LAYOUT AND MATING REQUIREMENTS

NO. OF CIRCUITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	MATERIAL NO.S
5				X	X	X	X									X	455931607
14	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	455931606
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	455931605
10	X	X	X	X	X	X	X		X	X		X	X				455931604
9	X								X	X	X	X	X	X		X	455931603
8	X								X	X	X	X	X	X		X	455931602
2	X															X	455931601
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	455931600
NO. OF CIRCUITS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
TERMINAL LOCATIONS (PRESENCE DENOTED BY AN X)																	



PCB HOLE LAYOUT (CONNECTOR MOUNTING SIDE)

REVISED PER EC
EC NO. LCP2006-7962
DRAWN: MSIMMEL 2006/08/07
CHKD: MSIMMEL 2006/08/07
APPR: JCOMERC 2006/08/29
A1

QUALITY
SYMBOLS
0
0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.10	± 0.004
3 PLACES	± 0.15	± 0.006
2 PLACES	± 0.20	± 0.008
1 PLACE	± 0.25	± 0.010
ANGULAR	± 1/2°	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SCALE
3:1

DESIGN UNITS
METRIC

DIMENSION STYLE
MM ONLY

DRAWN BY
MSIMMEL

DATE
20051213

CHECKED BY
MSIMMEL

DATE
20051213

APPROVED BY
JCOMERC

DATE

THIRD ANGLE
PROJECTION

REVISE ON CAD ONLY

TITLE
0.8MM HANDYLINK™
PLUG CONNECTOR MODULES
FOR PCB TERMINATION

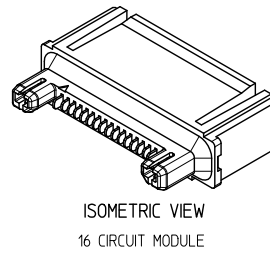
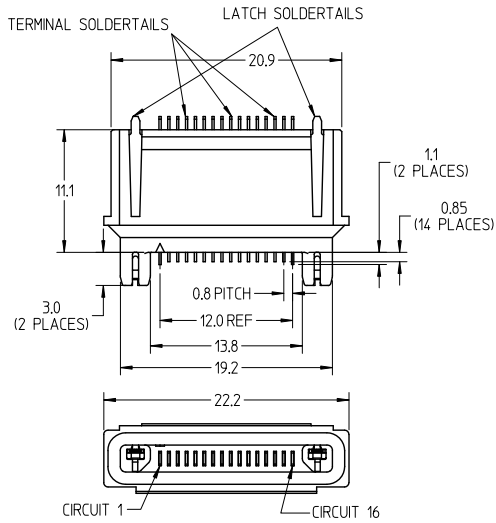
MOLEX INCORPORATED

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SD-45593-001

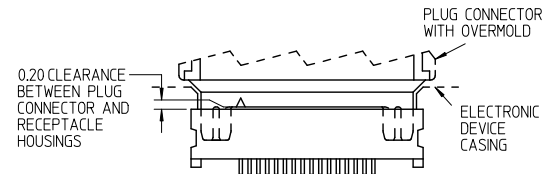
SHEET NO.
1 OF 26

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



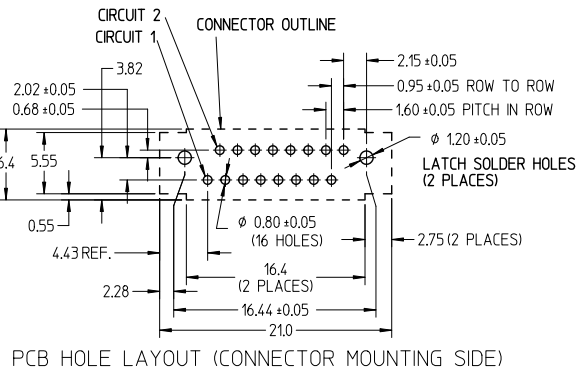
NOTES:

1. MATERIALS:
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LATCHES - STAINLESS STEEL
2. FINISHES: GOLD OVER PALLADIUM-NICKEL ON CONTACT AREAS,
TIN ON SOLDER AREAS, BOTH OVER NICKEL.
3. PRODUCT SPECIFICATION: PS-44828-001
APPLICATION SPECIFICATION: AS-44828-001
4. PACKAGED IN VACUUM-FORMED TRAYS (924 PIECES PER PRIMARY CARTON).
5. CIRCUITS 1 AND 16 ARE FIRST MATE/LAST BREAK.



RECOMMENDATIONS FOR CONFIGURATION OF MATED CONNECTORS

IMPORTANT: PLEASE REFER TO MOLEX APPLICATION SPECIFICATION AS-44828-001 FOR DETAILED DESIGN LAYOUT AND MATING REQUIREMENTS



INITIAL RELEASE EC NO: UCP2012-1647 DRAWN BY: DMORGAN CHKD BY: MIBARRA APPR: SMILLER REV: A	2011/12/20 2011/12/20 2011/12/20 2012/02/03	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY DMORGAN	DATE 2011/12/20	TITLE 0.8MM HANDYLINK™ PLUG FOR PCB TERMINATION TRAPEZOIDAL LATCH MOLEX MOLEX INCORPORATED		
				4 PLACES	± ---	± ---	CHECKED BY MIBARRA	DATE 2011/12/20			
				3 PLACES	± ---	± ---	APPROVED BY SMILLER	DATE 2012/02/03			
				2 PLACES	± 0.13	± ---	MATERIAL NO. 45593-3600				
				1 PLACE	± 0.15	± ---	DOCUMENT NO. SD-45593-3600		SHEET NO. 1 OF 1		
				ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
						SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					