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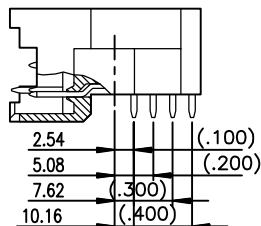
B

A

LEAD-FREE PART-NUMBER	5159	002	3	25	4	11	1F
MIXED STYLE	F24/H7						
NUMBER OF CONTACTS							
TERMINATION	24 angled spills 4 row + 7 foston						
PERFORMANCE CLASS							
DIN 41612 class 2							
DIN 41612 class 1							
CONTACT TERMINATION							
Angled spills 2.54 X 5.08							
LEAD-FREE							

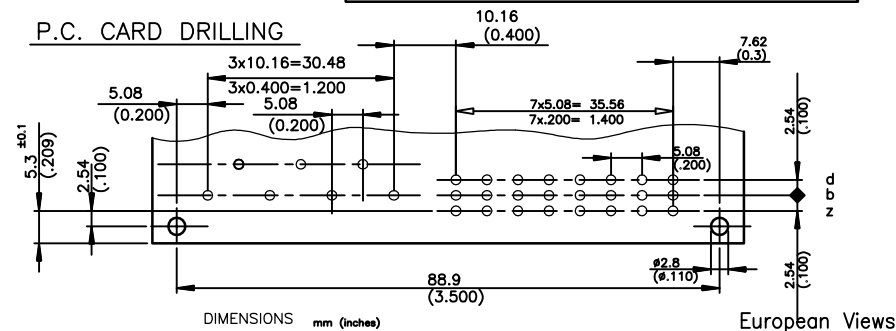
REV F - 2006-04-17

TERMINATION



rev	ecn no	dr	date
H	F12-0053	APA	2012/05/07
-	-	-	-
C	LS05-0119	-	2005/12/13
D	LS05-0119	LGO	2006/02/21
E	LS06-0097	LGO	2006/02/26
F	LS07-0288	LGO	2007/11/19
G	F10-0214	APA	2010/10/01

P.C. CARD DRILLING



European Views

www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED					size	Scale
Dr	MPESSON	2006/02/21	ANGULAR	LINEAR	0.X	±0.1	A3	1.5
Eng	MPESSON	2006/02/21	0.XX	±2'	0.XX	±0.1	ECN	F12-0053
Chr	LEGARE	2006/02/21	Product family		DIN POWER 5159	Spec ref	-	
Appr	LEGARE	2006/02/21						
FCI		title		PLUGS-MEDIUM HIGHT POWER		dwg no	C01-5159-0041	Rev.
				MIXED STYLE F24/H7				H
		catalog no				CUSTOMER		sheet 1 of 1

ELECTRICAL DATA

-Current at AMB.	5.5 A at 20° / 4 A at 70°
-Contact resistance	≤15mΩ according to DIN 41640 Teil 4 test 2a
-Insulation resistance	≥10 MΩ according to DIN 41640 teil 7 test 3a
-TEST VOLTAGE	according to DIN 41640 teil 21
contact/contact	1550V eff
contact/ground	1550V eff

MECHANICAL DATA

-Insertion force	≤60N
-Mechanical endurance	-class 1 500 matings unmatings according to DIN41640 teil 21
	-class 2 400 matings unmatings according to DIN41640 teil 21

-Material insulator	Polyester UL94V0
-Material contacts	Copper alloy
-Medium power contact:	Gold over nickel on contact area, lead-free on termination.
-High power contact:	Silver over nickel on active and on termination area

-Schock	≤40mΩ according to DIN 41640 Teil 14 test 6c
-Vibration	-class 1 10-2000Hz/20g according to DIN 41640 Teil 15
	-class 2 10-500Hz/5g according to DIN 41640 Teil 15

ENVIRONMENTAL DATA

-Climatic category	According to DIN 41612
-Corrosion	According to DIN 41612

NOTE RoHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in GS-22-008.
- The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.
- For the right angled versions, it's recommended to use high temperature adhesive or metallic device, to protect the nearest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration.

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