



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Customer Information Sheet

DRAWING No.: M80-666XXXX	SHEET 2 OF 2	IF IN DOUBT - ASK	(C)	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm
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SECTION X-X

ORDER CODE:
M80-666XXXX

No. OF CONTACTS
04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34

FINISH
22 - GOLD, 90/10 TIN/LEAD
42 - GOLD, 100% TIN
45 - ALL OVER GOLD

TOLERANCES
X. = ± 1 mm
X.X = ± 0.50 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:
SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE L-TEK
MALE DIL HORIZONTAL SMT
ASSEMBLY (LATCHED)

DRAWING NUMBER:
M80-666XXXX

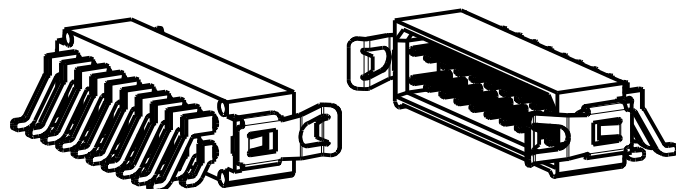
SHT 2 OF 2

SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
CONTACT = BRASS
LATCH = BERYLLIUM COPPER
FINISH:
CONTACT:
22 = 0.75 μ GOLD ON CONTACT AREA,
3 μ m 90/10 TIN/LEAD ON TAILS
42 = 0.75 μ GOLD ON CONTACT AREA,
3 μ m 100% TIN ON TAILS
45 = 0.75 μ GOLD OVER NICKEL
LATCH = 1.25 μ NICKEL
ELECTRICAL:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
CONTACT RESISTANCE = 25m Ω MAX
INSULATION RESISTANCE = 100M Ω MIN
MECHANICAL:
DURABILITY = 500 OPERATIONS
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
TUBE, 2-OFF STRAIN RELIEF STRAPS PER CONNECTOR IN BAG
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)

RECOMMENDED PCB LAYOUT

MSP	8	21.12.15	12814
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

ALL DIMENSIONS IN mm



0.36 MAX

CONTACT No. 1

5.20 MAX

2.00

5.60 MAX

0.36 MAX

2 x 0.65

(3.0)

(7.5)

(10.0)

2.00 TYP

1.00 TYP

FINISH _____
22 - GOLD, 90/10 TIN/LEAD
42 - GOLD, 100% TIN
45 - ALL OVER GOLD

TUBE, 2-OFF STRAIN RELIEF STRAPS PER CONNECTOR IN BAG
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)

2.00 TYP
1.00 TYP

2.00 x (No. OF CONTACTS PER ROW - 1)

1.50 TYP
1.00

0.85

4.75

4 x Ø 0.90
STRAIN RELIEF
STRAP HOLES

10.20

2 x 2.25

FRONT EDGE OF
CONNECTOR

RECOMMENDED
PCB LAYOUT

MSP	8	21.12.15	1281
NAME	ISS.	DATE	C/NOT
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

RECOMMENDED PCB LAYOUT

MSP	8	21.12.15	12814
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

www.harwin.com
technical@harwin.com

UNLESS STATED

S/AREA:

M80-666XXXX

SHT
2 OF 2