



**SPECIFICATION**  
**MATERIAL**  
 Insulator: PBT, rated UL94V-0  
 Contacts: Brass (standard)  
 Shell: Steel  
**CONTACT PLATING**  
 Underplate: 40u" Nickel  
 Contact area: 1u"~30u" selective gold  
 Solder tails area: 100u" Tin/Lead  
**ELECTRICAL**  
 Operation Voltage: 250 VAC max.  
 Current rating: 3 Amps max.  
 Contact resistance: 15 mohms max @ 500 VDC  
 Dielectric withstanding voltage: 1000 VAC / minute  
 Operating temperature: -55°C to +105°C  
 Part no.

102 A E 78 M G P A A A 1  
 1 2 3 4 5 6 7 8 9 10 11

- 1.SERIES NO.  
102 = D-SUB HDD SOLDER MACHINED PIN  
(D-SUB 焊線高密度 車針)
- 2.TYPE: A = Standard
- 3.ENVIRONMENT PROTECTION  
MATERIA  
E = ROHS環保料件
- 4.CONTACT NUMBER:  
78 = 78 PIN
- 5.CONTACT TYPE:  
M = MALE (公)
- 6.CONTACT AREA PLATING:  
G = GOLD FLASH (全金)  
R = 3"u GOLD (全金)  
A = 5"u GOLD (全金)  
C = 15"u GOLD (全金)  
D = 30"u GOLD (全金)
- 7.SHELL PLATING:  
P = TIN + DIMPLE(鍍錫壓花)
- 8.PROCESS OPTION  
A = THRU. HOLE(光孔)
- 9.PARTS OPTION  
A = Non accessories(無附件)
- 10.CONTACT INSERTING OPTION  
A = Fully loaded(滿針)
- 11.INSULATOR COLOR  
1 = WHITE(白色)  
2 = BLUE(藍色)  
3 = BLACK(黑色)

UNLESS OTHERWISE SPECIFIED TOLERANCE		亮泰 (中国) 有限公司 Lightany (China) Co., Ltd	
ANG.	±5°		
0.	±0.5	SCALE: AS SHOWED UNIT: mm	
.0	±0.3		
.00	±0.2		
DRAWN	AVA	07/07/04	DRAWN NAME: D-SUB HDD SOLDER MACHINED(HDD 焊線車針)
CHECKED	JUDY	07/07/04	78PIN, MALE(公), 全金, 光孔, 鍍錫壓花
APPROVED	TONY	07/07/04	PRODUCT NO. 102AE78MGPA001
REV.			FILE NAME: 102AE78MGPA001

A	ECN-20040707001(TONY)	07/07/04	
REV.	DESCRIPTION	DATE	SIZE REV.
1			A4 A