



## NOTES:

### MATERIAL:

Contact material: Cu Alloy  
Contact Plating: Gold over Nickel  
Performance Class: 1:  $\geq 500$  Cycles  
Body Material: Cu Alloy  
Clip Material: Cu Alloy

### ELECTRICAL CHARACTERISTICS

Contact Resistance: 2.7 m ohm max.  
Insulation Resistance:  $10^7$  M ohm  
Operating Voltage: 2.8 KV  
Test Voltage: 4 KV  
Maximum Current: 30 Amp

### MECHANICAL CHARACTERISTICS

Insertion Force: 5 N max.  
Withdrawal Force: 0.5 N max.

### ENVIRONMENTAL

Temperature Range:  $-55^{\circ}$  to  $+125^{\circ}\text{C}$

### UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN mm  
TOLERANCES:

### PROPRIETARY AND CONFIDENTIAL

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NAME	DATE
DRAWN CT	4/02
CHECKED	
ENG APPR.	
MFG APPR.	

COMMENTS:

**ECS**

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### TITLE:

HIGH POWER CONTACT  
RIGHT ANGLE PCB TERMINATION  
SOCKET

SIZE

**A**

PART NUMBER:

55-1S-102-1

REV

A

SCALE: NONE

SHEET 1 OF 1