

METER COIL RESISTANCE

Ω RANGE	ITEM			
	SD-38	SD-60	SD-80	SD-506
DC 100uA	1500Ω	1500Ω	1500Ω	
DC 1mA	40Ω	40Ω	40Ω	
DC 20mA	40Ω	40Ω		
DC 500mA	40Ω			
DC 1A	6Ω	6Ω	6Ω	
DC 3A	6Ω			
DC 5A	6Ω	6Ω	6Ω	0.01Ω
DC 10A		6Ω	6Ω	0.01Ω
DC 15A		6Ω		0.01Ω
DC 20A				0.01Ω
DC 30A		6Ω	6Ω	
DC 50A		6Ω	6Ω	
DC 12V				1.3KΩ
DC 15V	40Ω	40Ω	40Ω	2.3KΩ
DC 24V				3KΩ
DC 30V	40Ω	40Ω	40Ω	3KΩ
DC 300V		40Ω	40Ω	

**P.S. ** SD-301 : 650Ω±10%, 500uA ±15% (STANDARD) OR ACCORDING TO YOUR SPECIFICATION.

THREAD SIZE OF SCREWS

	SD-38	SD-60	SD-80
A	3 x 5 , P:0.5	5/32x1/4, 32W	5mm, P: 0.9
B	2.3x12, P:0.4	1/8x1/2, 40W	1/8x1/2, 40W

A : INPUT TERMINALS

B : FOUR LEGS FOR INSTALLATION

SPECIFICATION FOR APPROVAL

MESSRS : EUROPA COMPONENTS & EQUIPMENT PLC

DESCRIPTION OF GOODS : PANEL METER

ITEM NO./PART CODE : SD-38, 60 & 80

DATE : JAN 16, 2004 TAIWAN

ELECTRICAL INDICATING METER.

SPECIFICATION :

- 1. MOVEMENT : MOVING COIL TYPE
- 2. MEASURING RANGE : 90 DEGREE
- 3. POINTER : 0.4m/m
- 4. POINTER COLOR : RED/BLACK
- 5. POINTER POSITION : LEFT ZERO HAND
- 6. SCALE : ALUMINUM
- 7. COIL RESISTANCE : 1,500 Ω \pm 10%
- 8. CURRENT SENSITIVITY : DC 100uA \pm 2.5%
- 9. FRICITON TOLERENCE : \pm 0.4m/m
- 10. BALANCE : WITHIN THE POINTER WIDTH \pm 0.4m/m
VERTICALLY AND HORIZONTALLY
- 11. OVER CURRENT : WITHIN 5 ITEMS OF RATE CURRENT
- 12. OPERATION TEMP. : BETWEEN - 20 $^{\circ}$ AND + 60 $^{\circ}$
- 13. ZERO POSITION DIFFERENCE : WITHIN WIDTH OF POINTER
- 14. + TERMINAL : RIGHT SIDE WHEN YOU SEE THE IN FRONT

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			CHECK	DESIGN	FLASH STAR IND., CC	
					ITEM NO.	SD-38, 60
					SCALE NO.	
					TOLERENCE	CLASS 2

SPECIFICATION FOR APPROVAL

MESSRS : EUROPA COMPONENTS & EQUIPMENT PLC.

DESCRIPTION OF GOODS : LEVEL METER

ITEM NO./PART CODE : SD-301

DATE : FEB 11, 2004 TAIWAN

ELECTRICAL INDICATING METER.

SPECIFICATION :

- 1. MOVEMENT : MOVING COIL TYPE
- 2. MEASURING RANGE : 70 DEGREE
- 3. POINTER : 0.4m/m
- 4. POINTER COLOR : RED
- 5. POINTER POSITION : LEFT ZERO HAND
- 6. SCALE : ALUMINUM
- 7. CURRENT SENSITIVITY : 500uA (± 15%)
- 8. INTERNAL RESISTANCE : 650 Ω (± 10%)
- 9. FRICTON TOLERANCE : (±) 0.4m/m
- 10. BALANCE : WITHIN THE POINTER WIDTH 0.4m/m
VERTICALLY AND HORIZONTALLY
- 11. OVER CURRENT : WITHIN 5 ITEMS OF RATE CURRENT
- 12. OPERATION TEMP. : BETWEEN - 20 DEGREE C AND + 60 DEGRE
- 13. ZERO POSITION DIFFERENCE : WITHIN WIDTH OF POINTER
- 14. + TERMINAL : RIGHT SIDE WHEN YOU SEE THE IN FRONT

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			CHECK	DESIGN	FLASH STAR IND., CC	
					ITEM NO.	SD-301
					SCALE NO.	8002
					TOLERANCE	±15%

SPECIFICATION FOR APPROVAL

MESSRS : EUROPA COMPONENTS & EQUIPMENT PLC
DESCRIPTION OF GOODS : AMP. METER
ITEM NO./PART CODE : SD-506 (DC 5A)
DATE : JAN 16, 2004 TAIWAN

ELECTRICAL INDICATING METER.

SPECIFICATION :

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| 1. MOVEMENT | : | MOVING MAGNET TYPE |
| 2. MEASURING RANGE | : | 70 DEGREE |
| 3. POINTER | : | 0.93m/m |
| 4. POINTER COLOR | : | RED |
| 5. POINTER POSITION | : | LEFT ZERO HAND |
| 6. CURRENT SENSITIVITY | : | DC 5A (FULL SCALE) ±5% |
| 7. FRICITON TOLERENCE | : | (+ -) 0.93m/m |
| 8. BALANCE | : | WITHIN THE POINTER WIDTH 0.93m/m
VERTICALLY AND HORIZONTALLY |
| 9. OVER CURRENT | : | WITHIN 5 ITEMS OF RATE CURRENT |
| 10. OPERATION TEMP. | : | BETWEEN - 20 □ AND + 70 □ |
| 11. ZERO POSITION DIFFERENCE | : | WITHIN WIDTH OF POINTER |
| 12. FIXING | : | SNAP IN |
| 13. TERMINATIONS | : | LENGTH 8.0mm ; ø1.7mm .
6.3mm SPADES SUITABLE FOR
PUSH-ON CONNECTORS ; |

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			CHECK	DESIGN	FLASH STAR IND., CC	
					ITEM NO.	SD-506
					SCALE NO.	DC 0-5A
					TOLERENCE	+ - 10%