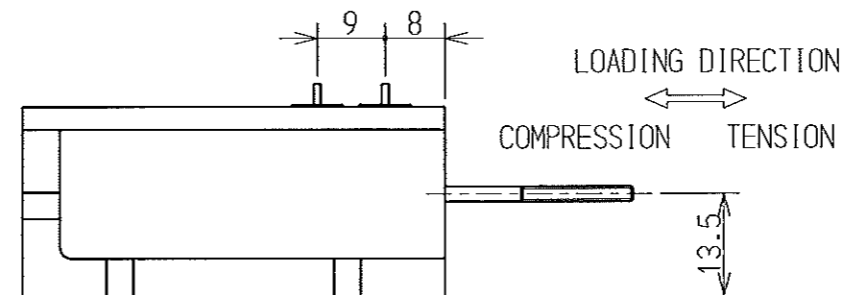
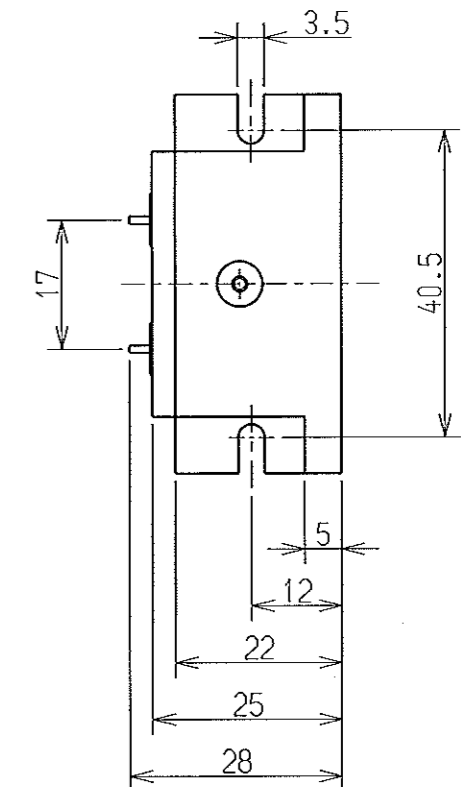
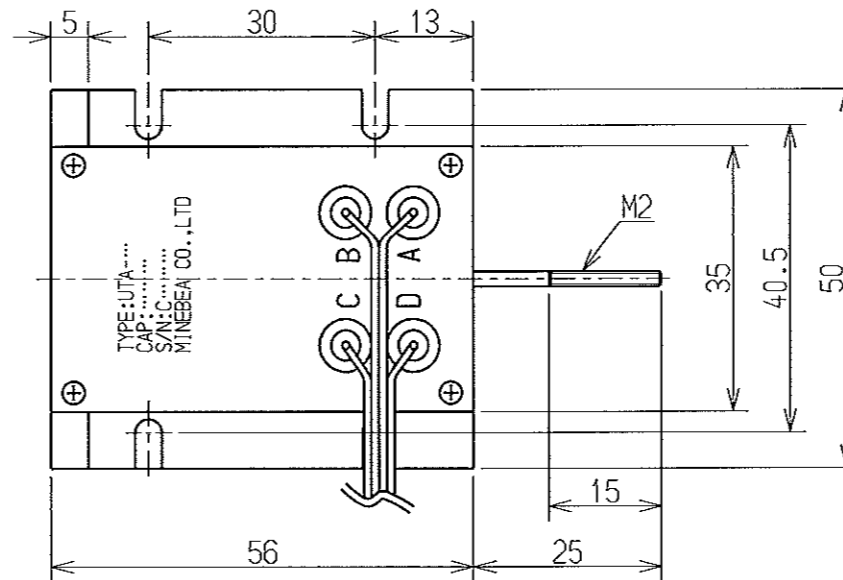
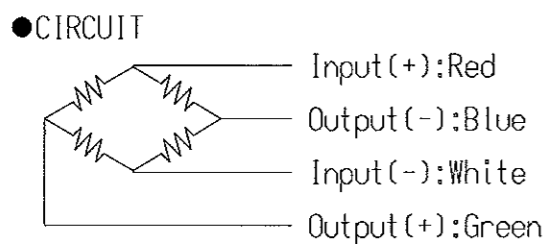


LOADCELL TYPE UTA-100GR~2K

SPECIFICATIONS

- PERFORMANCE
 - Rated capacity(R.C.) : 980.7 mN {100 gf}, 1.961 N {200 gf}, 4.903 N {500 gf}, 9.807 N {1 kgf}, 19.61 N {2 kgf}
 - Safe overload : 150 %R.C.
 - Ultimate overload : 150 %R.C.
 - Rated output(R.O.) : 2 mV/V±0.4 mV/V (UTA-100GR:1.75 mV/V±0.35 mV/V)
 - Non-linearity : 0.2 %R.O.
 - Hysteresis : 0.2 %R.O.
 - Repeatability : 0.2 %R.O.
- ELECTRICAL
 - Recommended excitation : 3 V or less
 - Maximum excitation : 6 V
 - Zero balance : ±0.2 mV/V (UTA-100GR:±0.175 mV/V)
 - Input terminal resistance : 270 Ω±40 Ω
 - Output terminal resistance : 270 Ω±40 Ω
 - Insulation resistance : 1000 MΩ or more(DC 50 V) (bridge-body)
- TEMPERATURE
 - Compensated temperature range : 0 °C to 50 °C
 - Safe temperature range : -10 °C to 60 °C
 - Temperature effect on zero balance : 0.5 %R.O./10 °C
 - Temperature effect on output : 0.5 %LOAD/10 °C
- THE OTHERS
 - Cable : 4core parallel 60cm direct connection
 - IP level : IP30
 - Fatigue life : 10⁶ under the R.C.



Type	Rated capacity	Movable displacement (mm)	Natural frequency (Hz)	Mass (About g)
UTA-100GR	980.7 mN {100 gf}	±0.04	300	110
UTA-200GR	1.961 N {200 gf}	±0.04	440	110
UTA-500GR	4.903 N {500 gf}	±0.04	700	110
UTA-1K	9.807 N {1 kgf}	±0.04	980	110
UTA-2K	19.61 N {2 kgf}	±0.04	1310	110

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ミネベア株式会社 MINEBEA CO.,LTD. 計測機器事業部					単位 UNIT mm 尺度 SCALE free	材質 MATERIAL 表面粗さ SURF.ROUGH. 熱処理 HEAT TREAT. 表面処理 FINISH	作成日 DATE 2010.5.17 品名 DESCRIPTION OUTLINE 品番 PART NO.(MODEL NO.) UTA-100GR~2K 図番 DRAWING NO. KT52881-2	葉番 SHEET 改訂 REV.
符号 MARK 日付 DATE 変更事項 REASON ECN NO.	担当 ENGINEER 承認 APPROVED	寸法 L 公差 <L≤4 ±0.1 4<L≤16 ±0.2 16<L≤63 ±0.3 63<L≤250 ±0.5 250<L≤1000 ±0.8 角度 DEG ±0.5	般公差 TOL	APPROVED CHECKED DRAWN T. TATSUTA				