Customer Information Sheet

IF IN DOUBT - ASK NOT TO SCALE DRAWING No.: M80-4T10805F3-02-321-00-000 THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm SPECIFICATIONS: MATERIAL: MOULDING = GLASS FILLED PPS, UL94V-0, BLACK SIGNAL CONTACT: < 3.00 → CLIP = BERYLIUM COPPER <−4.00-> **←** 4.50 ー <−5.20 MAX → SHELL = BRASS POWER CONTACT = BRASS BOARD-MOUNT GUIDE, NUT: STAINLESS STEEL FINISH: SIGNAL CONTACT: CLIP = 0.3µ GOLD SHELL = 0.25-0.3µ GOLD 5.55 MAX POWER CONTACT: GOLD **ELECTRICAL:** WORKING VOLTAGE = 800V AC/DC VOLTAGE PROOF = 1200V AC/DC INSULATION RESISTANCE = $100\text{M}\Omega$ MIN -CONTACT No. I SIGNAL CONTACT: CURRENT RATING AT 25°C = 3.0A MAX SECTION X-X CURRENT RATING AT 85°C = 2.2A MAX -Ø1.40 TYP CONTACT RESISTANCE = $25m\Omega$ MAX POWER CONTACT: CONTACT RESISTANCE = $6m\Omega$ MAX CURRENT RATING = 20A MAX MECHANICAL: DURABILITY = 500 OPERATIONS SIGNAL CONTACT: 6.0 INSERTION FORCE = 2.0N MAX WITHDRAWAL FORCE = 0.2N MIN POWER CONTACT: INSERTION FORCE = 8N MAX WITHDRAWAL FORCE = 0.5N MIN **ENVIRONMENTAL:** TEMPERATURE RANGE = -55°C TO +125°C PACKING: 5.0 3.00 FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION COO5XX (LATEST ISSUE) M2x0.4 TYP - 2.00 Ø4.00 TYP ∙Ø0.50 TYP -Ø∣.50 TYP -21.00 1.00 19.06.17 13269 DATE C/NOTE APPROVED: M.PERREN M.PLESTED CHECKED: DRAWN: M. G. PLESTED CUSTOMER REF.: $8 \times \emptyset 0.70 \pm 0.05$ $2 \times \emptyset 2.25 \pm 0.05$ ASSEMBLY DRG: $2 \times \emptyset 1.65 \pm 0.05$ RECOMMENDED PCB LAYOUT THIS DRAWING AND ANY
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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION. TOLERANCES MATERIAL: JACKSCREW DATAMATE MIXED TECHNOLOGY VERTICAL SEE ABOVE X.X = ±0.25mm X.XX = ±0.10mm PC TAIL FEMALE ASSEMBLY X.XXX = ±0.01mm DRAWING NUMBER:

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FINISH:

S/AREA:

ANGLES = ±5°

UNLESS STATED

SEE ABOVE

M80-4T10805F3-02-321-00-000 2 oF2