Customer Information Sheet IF IN DOUBT - ASK DRAWING No.: M50-430XX45 THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm SHEET 2 OF 2 RECOMMENDED PCB LAYOUT (TOLERANCE = ± 0.05) **OBSOLETE** 2.04 ± 0.05 0.42 TYP -Ø1.00 Ø1.40 No. of contacts per row = 16 to 18, 21 to 24, 26 to 49 Last Time Buy = 15th June 2018 - I.27 TYP 5.80 1.27±0.13 SPECIFICATIONS: MATERIAL: MOULDING = LCP UL94V-0, BLACK CONTACT = PHOSPHOR BRONZE FINISH: CONTACT = GOLD 1.58 + 1.27 TYP ELECTRICAL: CURRENT RATING = IA VOLTAGE PROOF = 500V AC FOR ONE MINUTE <─ 1.27 x (No. OF -> CONTACTS PER ROW - 1) CONTACT RESISTANCE = $20m\Omega$ MAX 1.27±0.10 TYP INSULATION RESISTANCE = $5000M\Omega$ MIN MECHANICAL: (1.27 x No. OF CONTACTS-→ 1.27 x (No. OF CONTACTS PER ROW - 1) INSERTION FORCE = 2.00N MAX PER ROW) + 1.88 WITHDRAWAL FORCE = 0.15N MIN DURABILITY = 100 CYCLES MIN **ENVIRONMENTAL:** OPERATING TEMPERATURE = -40°C TO +105°C PACKING: FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION CO29XX (LATEST ISSUE). -(1.27 x No. OF CONTACTS PER ROW) + 3.75 \pm 0.30--3.60- \rightarrow (1.27 x No. OF CONTACTS PER ROW) + 0.35 \pm 0.30 (1.09)-3.10 CONTACT POINT ORDER CODE: M50-430XX45 4.40 No. OF CONTACTS PER ROW: -03 to 15, 19, 20, 25, 50 FINISH:-2.15 4.60 ± 0.25 GOLD ALL OVER CONTACT 2.45 29.01.15 12715 1.40 DATE C/NOTI S.BENNETT SECTION X-X APPROVED M. PLESTED -Ø1.20 Ø0.80 -> 4.80 ± 0.25 J. ENRIGHT CUSTOMER REF.: \leftarrow (1.27 x No. OF CONTACTS PER ROW) + 1.88 \pm 0.20-ASSEMBLY DRG: THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT MATERIAL: TITLE: 1.27mm PITCH DIL SEE ABOVE VERTICAL SMT SOCKET ASSY I. ALL TOLERANCES ARE ±0.12 DRAWING NUMBER: UNLESS OTHERWISE STATED. FINISH: SEE ABOVE www.harwin.com M50-430XX45 OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION. technical@harwin.com S/AREA: mm² UNLESS STATED