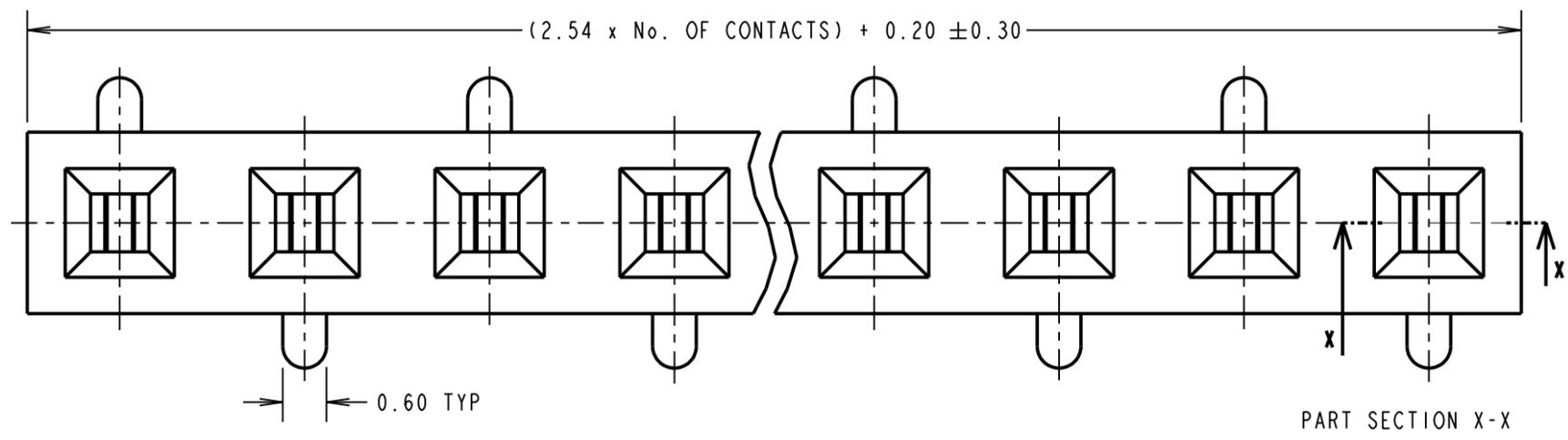


# Customer Information Sheet

DRAWING No.: M20-786XXXX SHEET 2 OF 2 IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

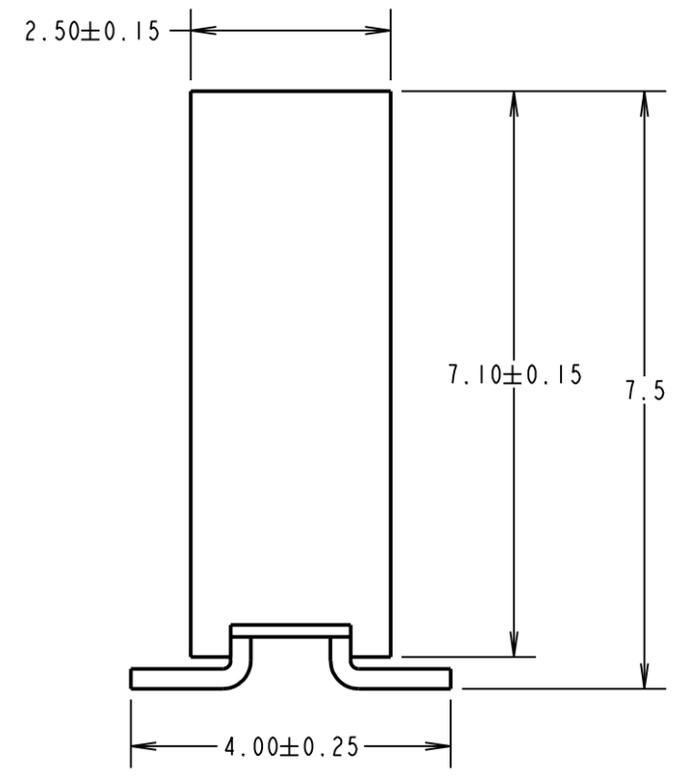
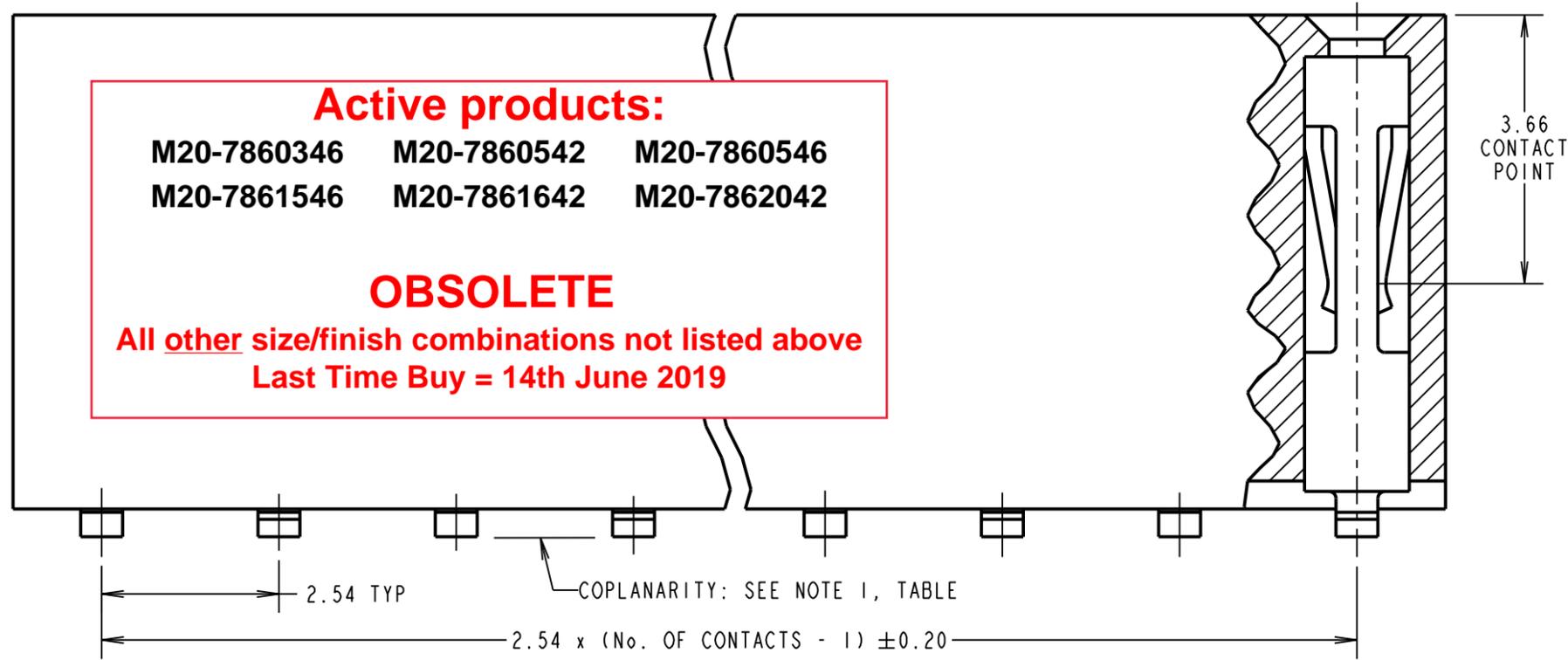


ORDER CODE: **M20-786XXXX**  
 No. OF CONTACTS: \_\_\_\_\_  
 02 TO 20  
 FINISH: \_\_\_\_\_  
 42 = SELECTIVE GOLD / 100% TIN  
 46 = 100% TIN

**Active products:**  
**M20-7860346 M20-7860542 M20-7860546**  
**M20-7861546 M20-7861642 M20-7862042**

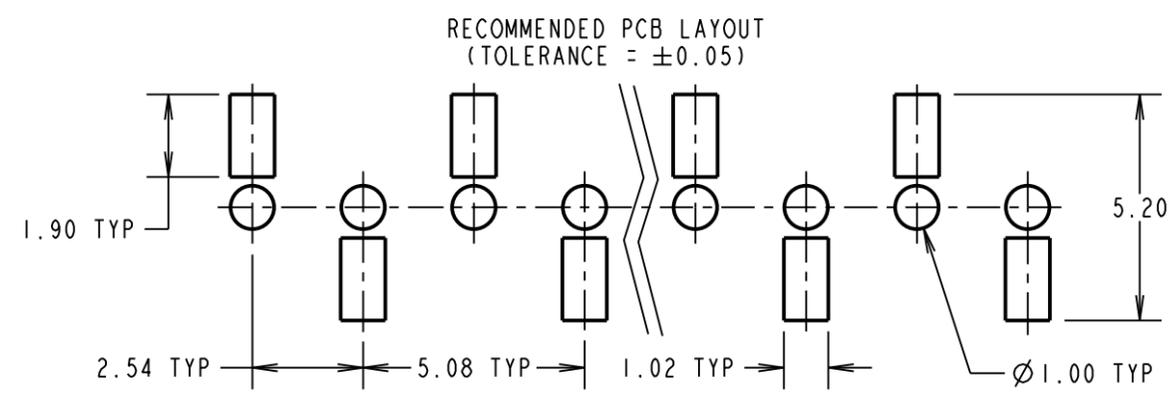
**OBSOLETE**  
 All other size/finish combinations not listed above  
 Last Time Buy = 14th June 2019

PART SECTION X-X



**SPECIFICATION:**  
**MATERIAL:**  
 MOULDING = PA6T UL94V-0, BLACK  
 CONTACTS = PHOSPHOR BRONZE  
**FINISH (OVER NICKEL):**  
 42 = GOLD ON CONTACT AREA, 100% TIN ON TAILS  
 46 = 100% TIN  
**ELECTRICAL:**  
 CURRENT RATING = 3A  
 VOLTAGE PROOF = 600V AC FOR 1 MINUTE  
 CONTACT RESISTANCE = 20mΩ MAX  
 INSULATION RESISTANCE = 1,000MΩ MIN  
**MECHANICAL:**  
 DURABILITY = 300 CYCLES MIN  
 INSERTION FORCE = 2.0N MAX  
 WITHDRAWAL FORCE = 0.3N MIN  
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -40°C TO +105°C  
**PACKING:**  
 TUBE  
 FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION COOIXX (LATEST ISSUE)

NOTES:  
 1. CO-PLANARITY: FLATNESS OF SMT TAILS WILL NOT EXCEED VALUES GIVEN IN TABLE.



No OF CONTACTS	COPLANARITY TOLERANCE
02 TO 10	0.12mm MAX
11 TO 20	0.15mm MAX

WJP	10	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: S. BENNETT			
DRAWN: J. BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**  
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**TOLERANCES**  
 X. = ±1mm  
 X.X = ±0.50mm  
 X.XX = ±0.10mm  
 X.XXX = ±0.01mm  
 ANGLES = ±5°  
 UNLESS STATED

**MATERIAL:** SEE ABOVE  
**FINISH:** SEE ABOVE  
**S/AREA:** mm<sup>2</sup>

**TITLE:** 2.54mm PITCH SIL VERTICAL FEMALE SMT SKT ASSY DUAL ENTRY  
**DRAWING NUMBER:** M20-786XXXX  
 SHT 2 OF 2