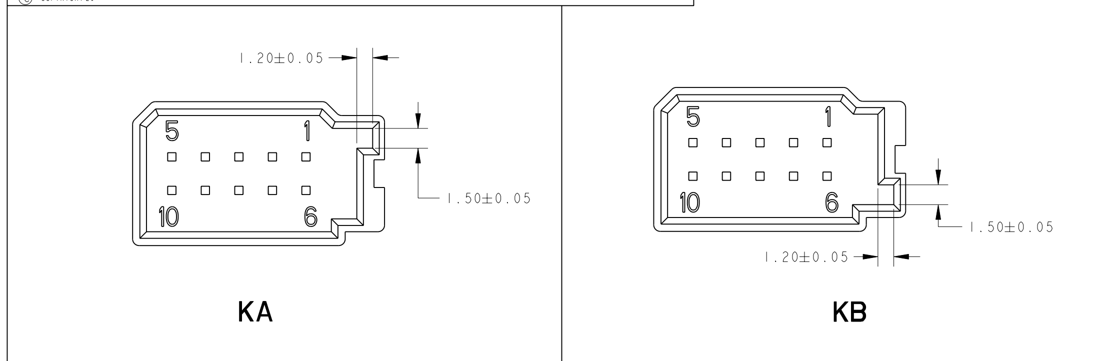
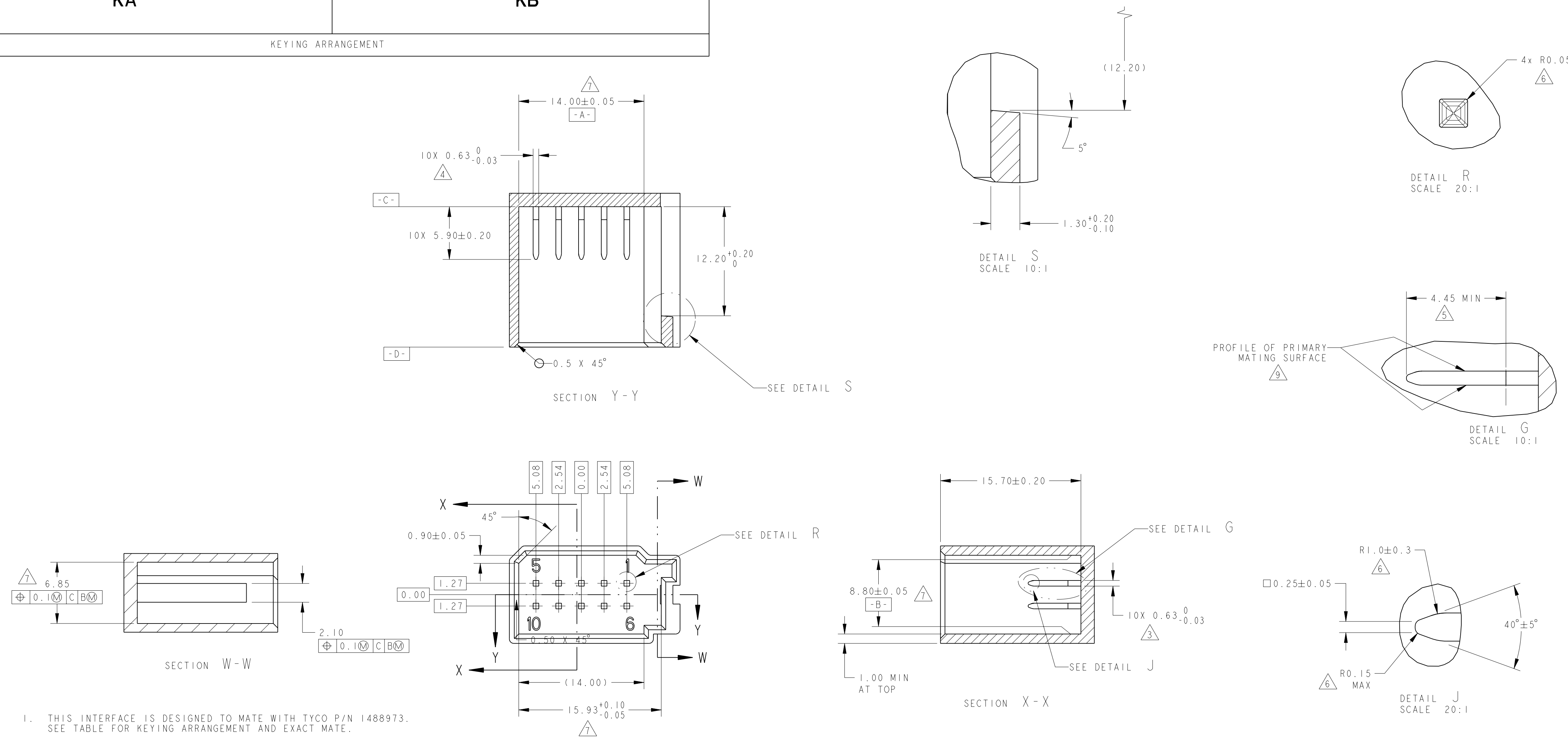
LOC	DIST
IN	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED	29NOV2005	JRS	AJV



KEYING ARRANGEMENT



1. THIS INTERFACE IS DESIGNED TO MATE WITH TYCO P/N 1488973. SEE TABLE FOR KEYING ARRANGEMENT AND EXACT MATE.
2. 1488974-1 (KEY KA) SHOWN.

3△ POSITION TOLERANCE FOR PIN TIP ⌖ 0.3 C B
POSITION TOLERANCE AT PIN BASE ⌖ 0.1 C B

4△ POSITION TOLERANCE FOR PIN AT TIP ⌖ 0.3 C A
POSITION TOLERANCE AT PIN BASE ⌖ 0.1 C A

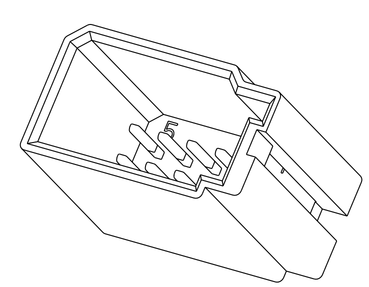
5△ TIN PLATE IN THIS AREA OVER NICKEL. NICKEL PLATE TO EXTEND FULL BLADE LENGTH

6△ NO BURRS OR SHARP EDGES ON BLADE

7△ POINT OF MEASUREMENT AT -C-

8△ MATERIAL; HOUSING; 30% GLASS FILLED PBT RECOMMENDED, CONTACT RESPONSIBLE TYCO ELECTRONICS ENGINEER IF USING OTHER THAN RECOMMENDED MATERIAL
BLADE; CU-ALLOY, CONDUCTIVITY ≥ 27% IACS, TENSILE STRENGTH ≥ 560N/mm^2 IF USING MATERIAL WITH LOWER CONDUCTIVITY, THE CURRENT CARRYING CAPACITY WILL BE REDUCED

9△ SURFACE ROUGHNESS $R_a \leq 0.3$ ON PRIMARY MATING SURFACES 2X; $R_a \leq 2.0$ ON SECONDARY MATING SURFACES 2X.



1488973-2	KB	1488974-2
1488973-1	KA	1488974-1
MATES WITH	KEYING	PART NUMBER

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±3

MATERIAL 8△ FINISH -

DWN J R SHUEY 17JUN2004
CHK T I KINSEY 17JUN2004
APVD -
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

tyco Electronics — Tyco Electronics, Harrisburg, PA 17105-3608

NAME: INTERFACE, 2 X 5, MQS

SIZE A1 | CAGE CODE 00779 | DRAWING NO C 1488974 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV A