

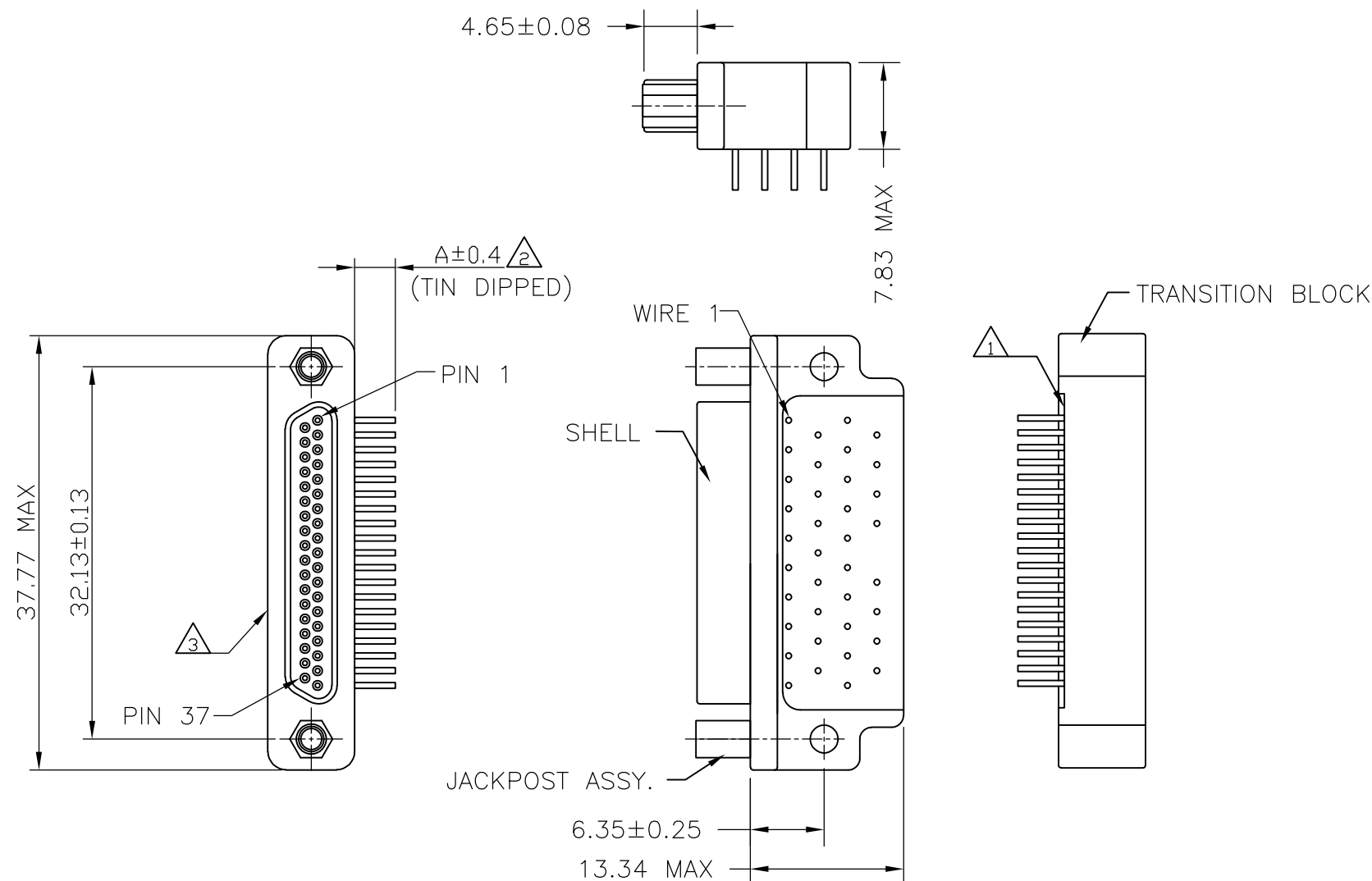
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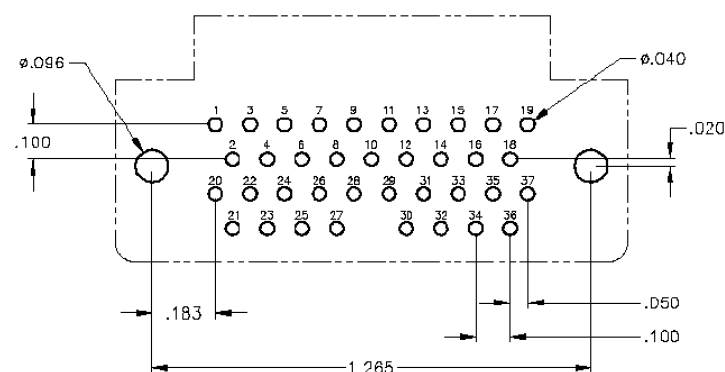
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LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
—	—		A2	ECR-11-008821	28/4/11	NH KR
			A3	ECR-11-014114	07/07/11	SS KR



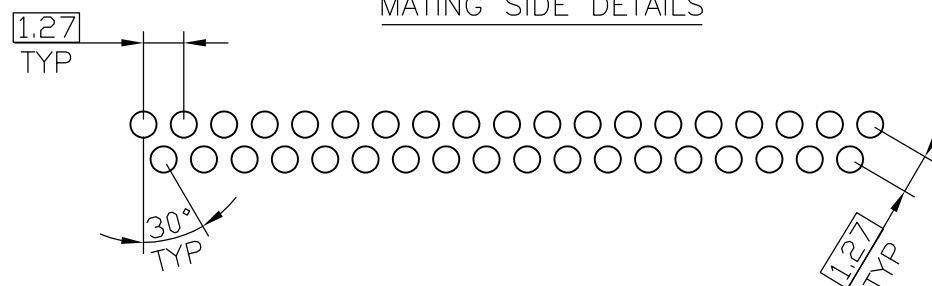
- 1 POTTING LEVEL UP TO HEIGHT AS SHOWN
- 2 WIRES CROPPED TO LENGTH AS SHOWN.
- 3 INMARK TE PN AND DATE CODE YYWW ON CONNECTOR SHELL.
- 4 SPECIFICATION:
- a. ELECTRICAL:
- CONTACT RESISTANCE :25 MILLIVOLTS MAX. AT 3 AMPS
- INSULATION RESISTANCE :5000 MEGAOHMS MIN. @ 500 VDC AT AMBIENT ROOM TEMPERATURE
- CURRENT RATING :3 AMP MAX. PER CONTACT
- b. MECHANICAL:
- CONTACT ENGAGING FORCE :2.22 N MAX. PER CONTACT
- CONTACT SEPARATION FORCE :0.14 N MIN. PER CONTACT
- c. ENVIRONMENTAL:
- OPERATING TEMPERATURE :−55° C TO +125° C
- VIBRATION CHARACTERISTICS :PER MIL-STD-1344, METHOD 2005, TEST CONDITION IV
- 5 MATERIAL:
- SHELL :ALUMINIUM ALLOY 6061 T6 GRADE.
- CONTACT :COPPER ALLOY.
- BUSHING :STAINLESS STEEL, TYPE 303, PER ASTM-A-582, CONDITION A.
- HEX NUT :STAINLESS STEEL 300 SERIES NON-MAGNETIC
- 6 FINISH:
- SHELL :ELECTROLESS NICKEL PLATING PER AMS2404, 25-30 microns THICK.
- CONTACTS :GOLD PLATED PER MIL-G-45204, TYPE II, CLASS 1.
- CONTACT TAIL :TIN DIPPED.
- BUSHING :PASSIVATE PER QQ-P-35
- HEX NUT :PASSIVATED

VIEWS ARE OF THE TOP SURFACE OF PCB FOR PLUG CONNECTOR
(PHANTOM LINES DEPICT THE OUTLINE OF CONNECTOR ON PCB)



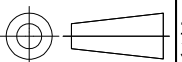
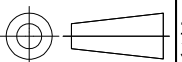
(ABOVE DIMENSIONS ARE IN INCHES)

MATING SIDE DETAILS



7. DUST CAP NOT SHOWN

4.37	1959482-2	MCK-N1-P-37PRT1B
2.77	1959482-1	MCK-N1-P-37PRT1
A	TE PN	DESCRIPTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 12MAY2010 NIRANJAN HEGDE	 TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK 12MAY2010 SHIVAPRAKASH K R				
		APVD 12MAY2010 KARTHIK S	NAME			
		PRODUCT SPEC	METAL SHELL - 37 PIN 90 DEGREE PCB MOUNT			
		APPLICATION SPEC	SIZE			
		WEIGHT	A3SDX74C-1959482			
MATERIAL 5		FINISH 6	RESTRICTED TO			
CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 1	REV A3	