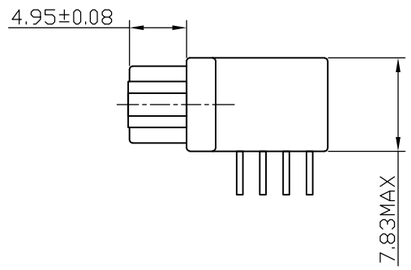
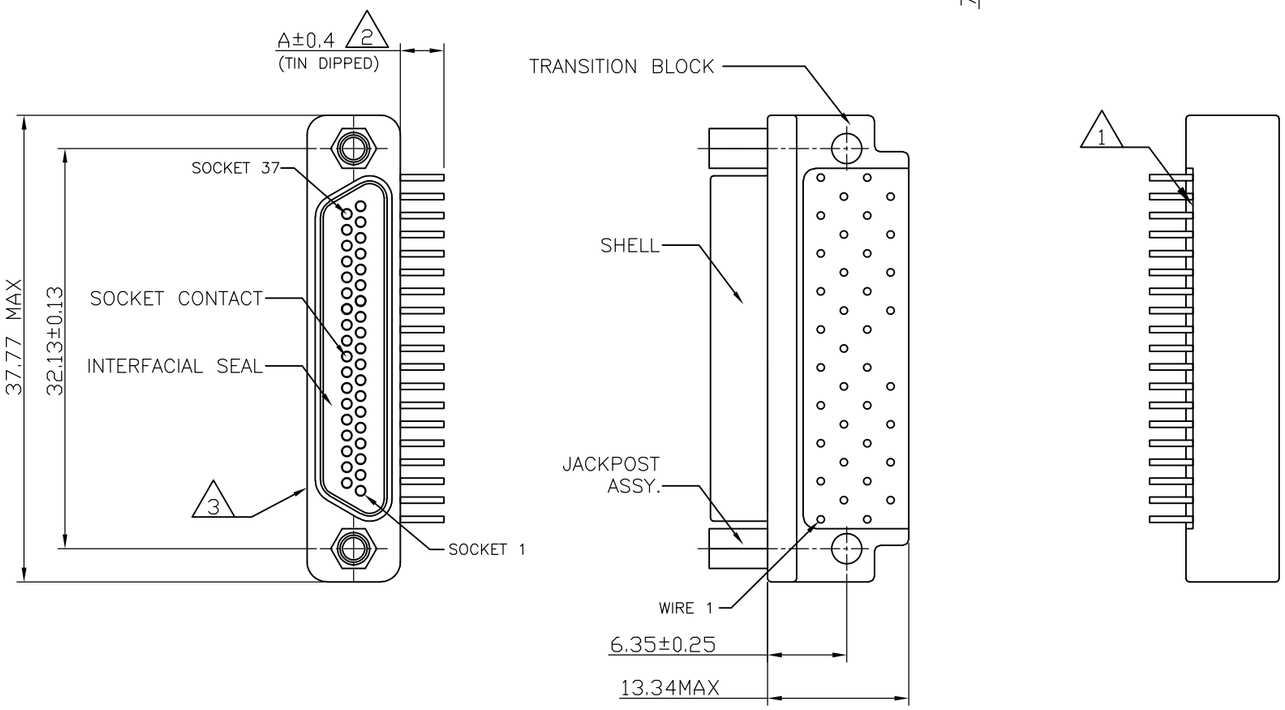
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LOC	DIST
—	—

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:

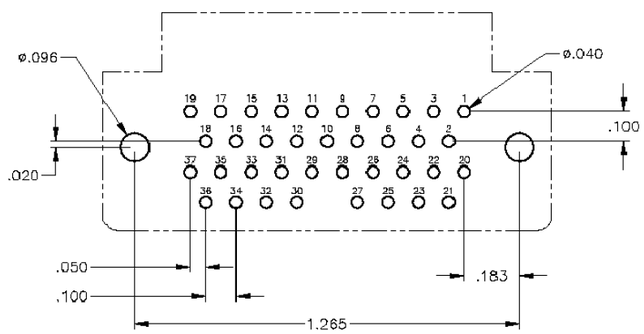
SHELL	:ALUMINIUM ALLOY 6061 T6 GRADE.
CONTACT	:COPPER ALLOY.
BUSHING	:STAINLESS STEEL, TYPE 303, PER ASTM–A–582, CONDITION A.
HEX NUT	:STAINLESS STEEL 300 SERIES NON–MAGNETIC

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

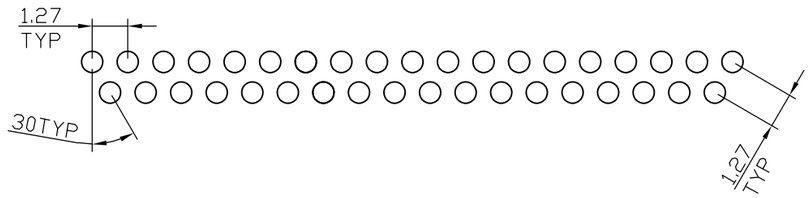
7. DUST CAP NOT SHOWN

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



(ABOVE DIMENSIONS ARE IN INCHES)

MATING SIDE DETAILS



4.37	1959173-3	MCK-N1-P-37SRT1B
2.77	1959173-2	MCK-N1-P-37SRT1
3.56	1959173-1	MCK-N1-P-37SRT1A
A	**TE PN**	**DESCRIPTION**

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± –
2 PLC	± –
3 PLC	± –
4 PLC	± –
ANGLES	± –

MATERIAL 5

FINISH 6

DWN	NIRANJAN HEGDE 5FEB2008
CHK	SHIVAPRAKASH K R 5FEB2008
APVD	KARTHIK S 5FEB2008
PRODUCT SPEC	—
APPLICATION SPEC	—
WEIGHT	—

TE Connectivity

NAME: METAL SHELL – 37 SOCKET 90 DEGREE PCB MOUNT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–1959173	—

CUSTOMER DRAWING

SCALE	SHEET	REV
NTS	1 OF 1	A3