

Excellent Integrated System Limited

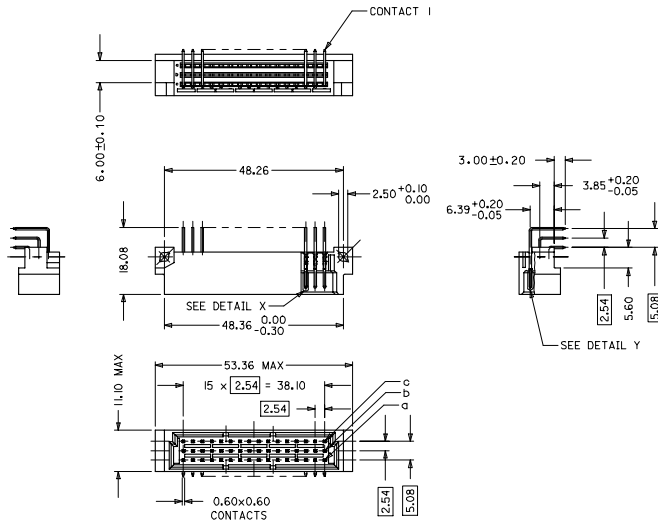
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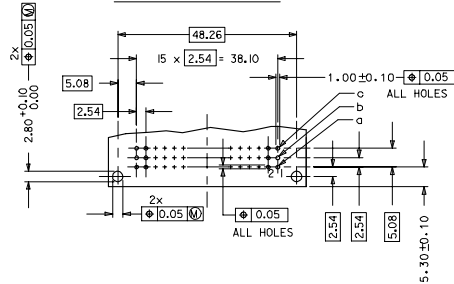
[Molex Connector Corporation](#)
[0365030002](#)

For any questions, you can email us directly:

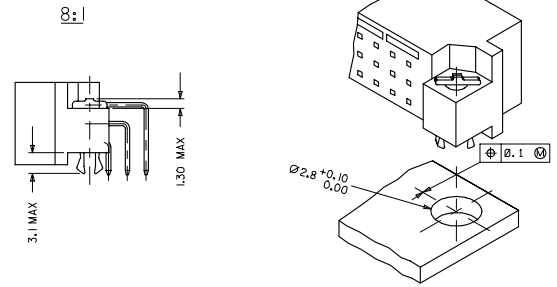
sales@integrated-circuit.com



**RECOMMENDED PCB LAYOUT
COMPONENT SIDE**



WITH MOUNTING CLIPS



NOTES:

1) MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED,
UL94V-0, COLOUR: PEBBLE GREY RAL 7032

TERMINAL - BRASS

MOUNTING CLIP: STEEL

2) FINISH: TERMINAL -

CONTACT AREA

1. PERFORMANCE LEVEL 1: SELECTIVE GOLD (Au), THICKNESS = 1.1 MICROMETER

OVER NICKEL, THICKNESS = 1.25 MICROMETER

2. PERFORMANCE LEVEL 2: SELECTIVE GOLD (Au), THICKNESS = 0.6 MICROMETER

OVER NICKEL, THICKNESS = 1.25 MICROMETER

3. PERFORMANCE LEVEL 3: SELECTIVE GOLD (Au), THICKNESS = 0.3 MICROMETER

OVER NICKEL, THICKNESS = 1.25 MICROMETER

TERMINATION AREA:

SELECTIVE TIN, THICKNESS = 2.5 MICROMETER

OVER NICKEL, THICKNESS = 1.25 MICROMETER OVERALL

3) MOUNTING CLIP -

TIN (Sn), THICKNESS = 5-10 MICROMETER,

OVER NICKEL (Ni), THICKNESS = 2.5 MICROMETER

4) FOR NON MOUNTING CLIP OPTION, CONNECTOR TO BE SECURED WITH

RIVETS: 2 TUBULAR RIVETS 2.5 x 0.3 ... DIN 7340

SCREWS: 2 CHEESEHEAD SCREWS M2.5 x ... DIN 84 AND 2 HEXAGONAL NUTS M2.5 DIN 934

5) MATERIAL NUMBER, BATCH CODE, UL AND CSA MARKING

TO BE PRINTED ON THE CONNECTOR

6) CUT FACE OF TIP WITHOUT PLATING PERMITTED

7) PRODUCT SPECIFICATION PS : 36502-001

RoHS COMPLIANT

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
SYMBOL	DESCRIPTION	mm	INCH	BY	DATE	MM ONLY	2:1	METRIC	2:1	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
▽=0	4 PLACES ± 0.05	± 0.05	± 0.002	SS	1999/10/08	SS	2:1	METRIC	2:1	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
▽=0	3 PLACES ± 0.1	± 0.1	± 0.004	SS	1999/10/08	SS	2:1	METRIC	2:1	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
▽=0	2 PLACES ± 0.15	± 0.15	± 0.006	SS	1999/10/08	SS	2:1	METRIC	2:1	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
▽=0	1 PLACE ± 0.2	± 0.2	± 0.008	SS	1999/10/08	SS	2:1	METRIC	2:1	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
▽=0	ANGULAR ± 2°	± 2°	± 0.0008	SS	1999/10/08	SS	2:1	METRIC	2:1	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
▽=0	DRAFT WHERE APPLICABLE	SEE CHART	SEE CHART	SS	1999/10/08	SS	2:1	METRIC	2:1	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
▽=0	MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SEE CHART	SS	1999/10/08	SS	2:1	METRIC	2:1	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
▽=0	SIZE 11 INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SEE CHART	SEE CHART	SS	1999/10/08	SS	2:1	METRIC	2:1	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION

DETAIL 1

DETAIL 2

ALL CONTACTS

ALL CONTACTS

ROUNDED

PRE MATING CONTACTS	5.4
NORMAL CONTACTS	4.8
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