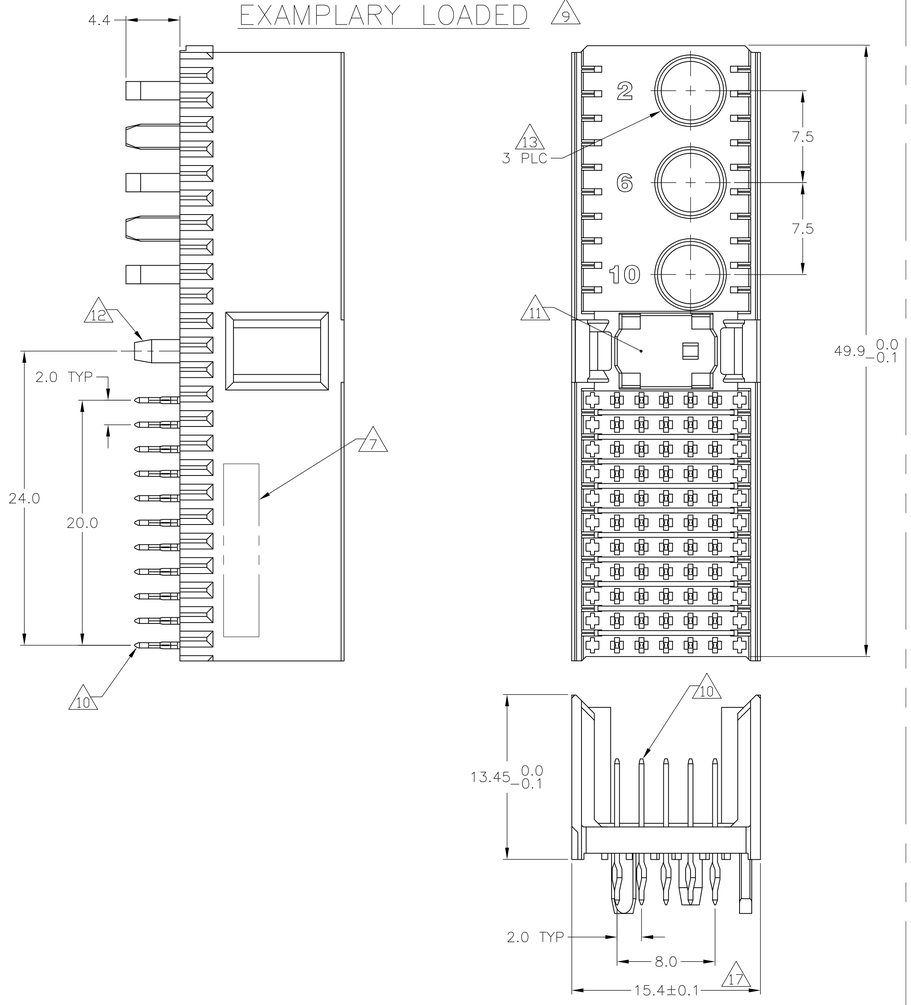
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LOC	DIST
AD	00

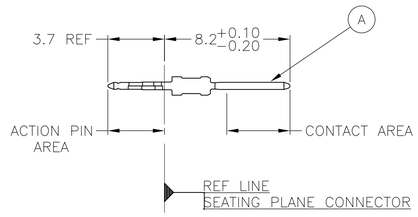
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F2	REV PER ECO-10-001916	02FEB2010	JY	SY
	G	ECR-10-018652	10SEP10	SW	MQW
	H	ECR-12-009853	6NOV12	SY	AC

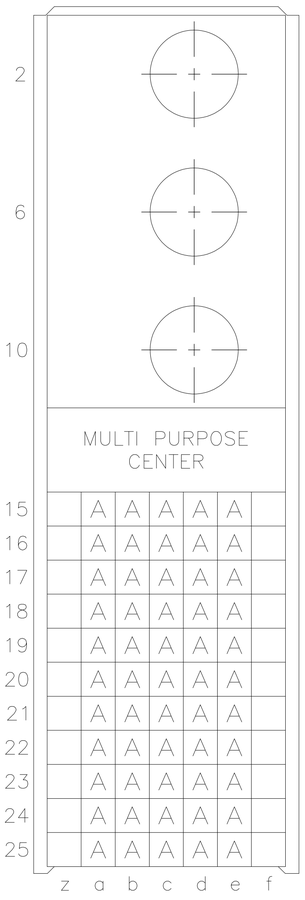
CONNECTOR ASSEMBLY
EXAMPLARY LOADED △9



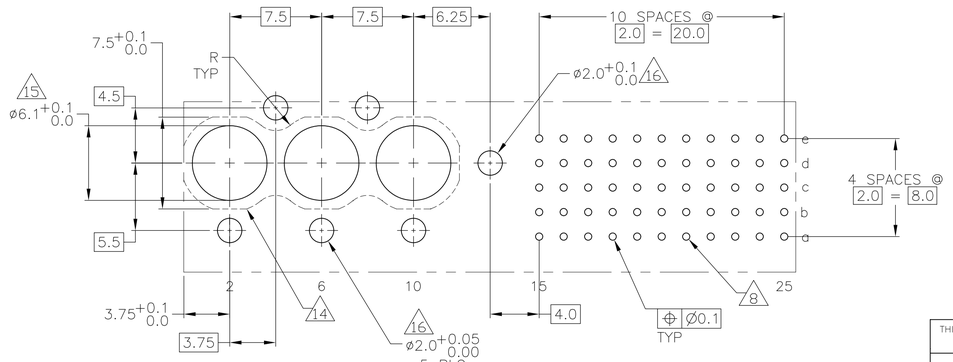
CONTACT DIMENSIONS
SCALE 5:1



CONTACT LAYOUT



RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS
REFERENCE APPLICATION SPECIFICATION

		FINISH	PART NUMBER
	△2 △3 △20		3-100749-0
	△2 △6 △18		1-100749-9
△19 OBSOLETE	△2 △5 △18		~~100749-9~~
	△2 △4		100749-4
OBSOLETE	△2 △3		~~100749-1~~

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± 0.2
2 PLC ± 0.02 ±0.2
3 PLC ± 0.005
4 PLC ± —
ANGLES ± 0°30'

MATERIAL △1

FINISH SEE TABLE

DWN B.CARBO 24JAN05
CHK G.SKIPPER 24JAN05
APVD G.SKIPPER 24JAN05
PRODUCT SPEC 108-19082
APPLICATION SPEC 114-19029
WEIGHT —

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE M

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-100749	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV H

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LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

1. MATERIAL:
   CONTACT: PHOSPHOR BRONZE.
   HOUSING: GLASS–FILLED POLYESTER.
2. GENERAL PLATING SPECIFICATION: UNDERPLATING (ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION PIN: 0.5µm MIN TIN\LEAD.
   FOR PLATING OF MATING SURFACES SEE APPLICABLE SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
3. CONFORMS TO ALL TESTING ACCORDING TO IEC 61076–4–101 PERFORMANCE LEVEL 2.
4. CONFORMS TO ALL TESTING ACCORDING TO IEC 61076–4–101 PERFORMANCE LEVEL 1.
5. CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR–1217–CORE QUALITY LEVEL 3, CENTRAL OFFICE APPLICATIONS.
6. CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR–1217–CORE QUALITY LEVEL 3, UNCONTROLLED ENVIROMENT APPLICATIONS.
7. CONNECTOR MARKED WITH PART NUMBER AND DATE CODE. ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS, MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.
8. PLATED–THROUGH HOLES AT 2x2mm SQUARE GRID PATTERN DEFINED BY CONTACT LAYOUT.
9. FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".
10. FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".
11. AREA RESERVED FOR KEYING PART (BASIC P/N 100525).
12. POLARIZATION FEATURE.
13. CONTACT CAVITIES SUITABLE FOR ø4.8 HIGH CURRENT, HIGH FREQUENCY OR FIBRE OPTIC CONTACTS AS PER DIN 41626 (SEE ALSO NOTE 14 AND 15).
14. PATERN FOR FIBRE OPTIC CONTACTS.
15. NOT PLATED THROUGH HOLES, TO BE REPLACED BY $ø5.9^{+0.1}_{0.0}$ PLATED THOUGH HOLES IF STRAIGHT SOLDER CONTACTS ARE APPLIED.
16. NOT PLATED THROUGH HOLES.
17. TO BE MEASURED AT BOTTOM OF SHROUD.
18. CONNECTOR LUBRICATED WITH TELCORDIA APPROVED LUBRICANT, TECHNICAL REFERENCE: TR–NWT–001217 ISSUE 1, SEP 1992.
19. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
20. 0.76µm MIN GOLD PLATING AT MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.2
2 PLC ± 0.02 ±0.2
3 PLC ± 0.005
4 PLC ± –
ANGLES ± 0°30'

MATERIAL: SEE SHEET 1
FINISH: SEE SHEET 1

DWN B.CARRO 24JAN05
CHK G.SKIPPER 24JAN05
APVD G.SKIPPER 24JAN05
PRODUCT SPEC 108–19082
APPLICATION SPEC 114–19029
WEIGHT –
CUSTOMER DRAWING

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105–3608

NAME MALE ASSEMBLY, Z–PACK 2mm HM, TYPE M

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-100749	–

SCALE 4:1 SHEET 2 OF 2 REV H