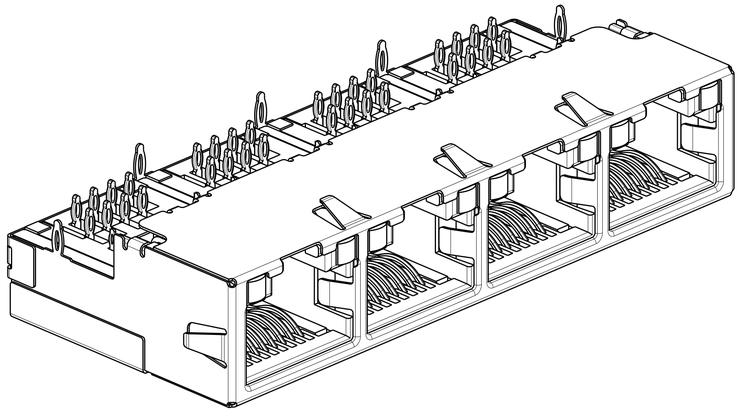
THE DATASHEET OF

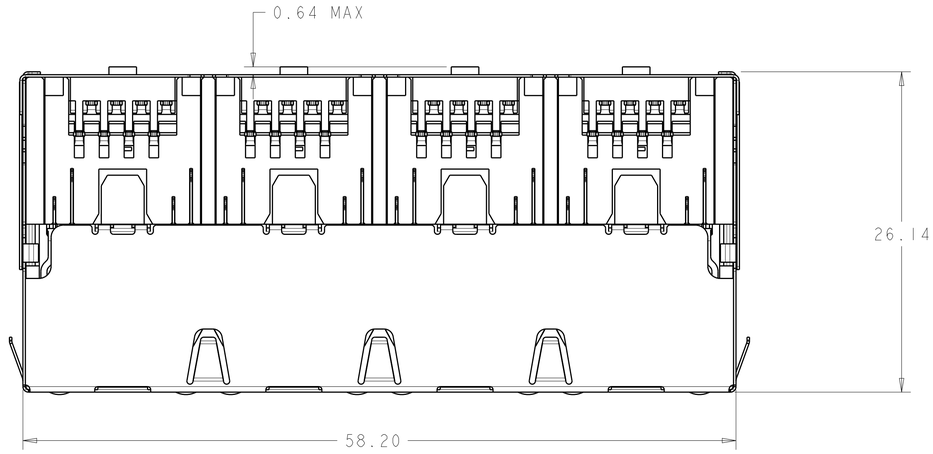
1888251-3

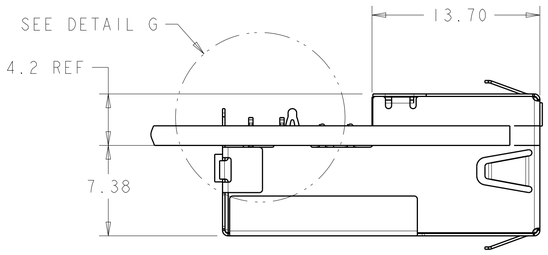
LOC	DIST
AA	00

REVISIONS

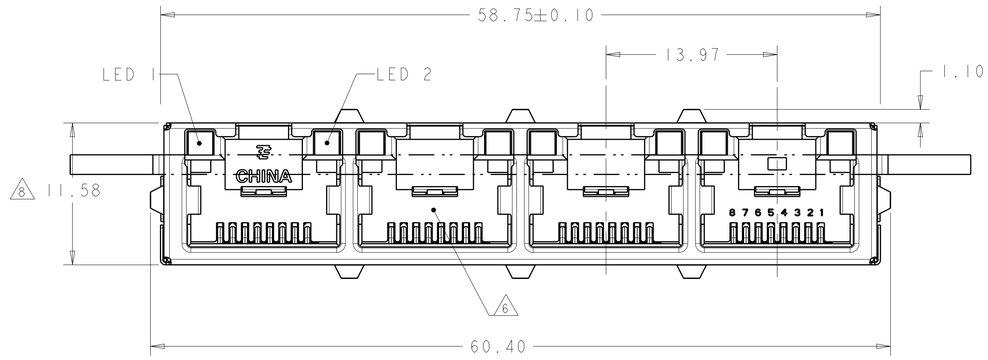
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B6	REVISED PER ECO-11-005033	18MAR2011	RK	HMR
	C	ECO-18-005828	27MAR2018	LL	SH

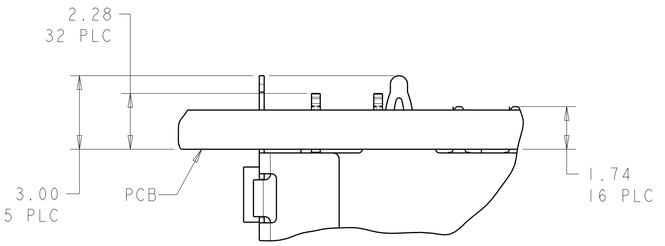




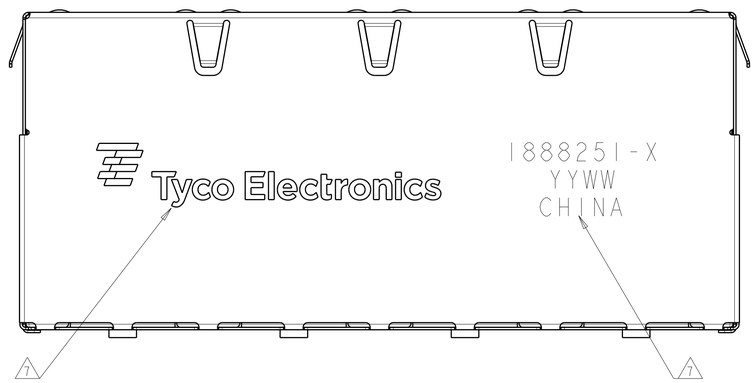


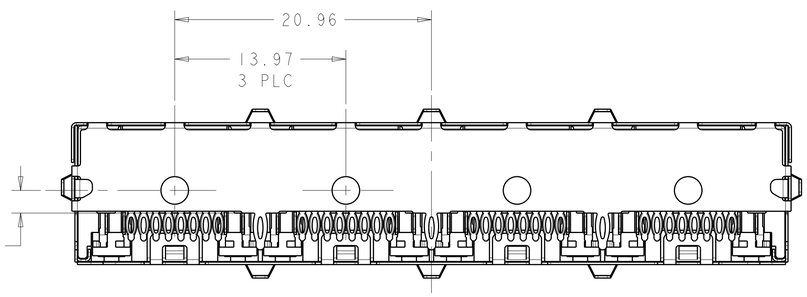
VIEW SHOWN ASSEMBLED
TO PCB ONLY





DETAIL G
SCALE 8:1





1. MATERIALS:
   HOUSING: BLACK PBT, 94V-0.
   OVERMOLDED INSERT: BLACK LCP, 94V-0.
   SHIELD: COPPER ALLOY WITH 0.76µm MIN NICKEL PLATE
   CONTACTS: PHOSPHOR BRONZE WITH 1.27µm MIN GOLD AT MATING INTERFACE OVER 1.27µm MIN NICKEL UNDERPLATE.

2. PERFORMANCE:
   INSERTION LOSS: 0.4dB @ 100 MHz.
   RETURN LOSS: 12.0dB @ 100 MHz.
   CROSSTALK ATTENUATION: -43dB MINIMUM @ 100MHz

3. LED's COMPLIANT WITH IEC60825-1 SAFETY OF LASER PRODUCTS WHEN OPERATED AT CURRENT OF 20mA.

4. ALL DIMENSIONS NOMINAL.

5. RECOMMENDED MOTHERBOARD PCB THICKNESS: 1.60±0.16.

△6 RJ45 PORT CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUB-PART F.

△7 TE LOGO, TE CONNECTIVITY PART NUMBER, DATE CODE AND COUNTRY OF ORIGIN TO BE MARKED IN APPROXIMATE LOCATION SHOWN.

△8 THIS DIMENSION MEETS THE ADVANCED MEZZANINE CARD (AMC) SPECIFICATION.

△9 LED WAVELENGTH FOR THE PN 1888251-5:
GREEN: 520nm ~ 525nm; YELLOW: 590nm ± 5nm.

△9

LED #1	LED #2	PART NUMBER
GRN/YEL	GRN/YEL	1888251-5
GREEN	GREEN	1888251-4
-	-	1888251-3
GRN/YEL	GRN/YEL	1888251-2
GREEN	YELLOW	1888251-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±3°

MATERIAL SEE NOTE 1
FINISH SEE NOTE 1

DWN M.E.S./L.A.MAYER 15FEB2008
CHK J.WESTMAN 15FEB2008
APVD S.FELICKINGER 15FEB2008
PRODUCT SPEC -
APPLICATION SPEC 114-13179
WEIGHT -

TE Connectivity

NAME CONNECTOR ASSEMBLY, LOW PROFILE, PRESS FIT, MODULAR JACK, 1X4, RJ45
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1888251	

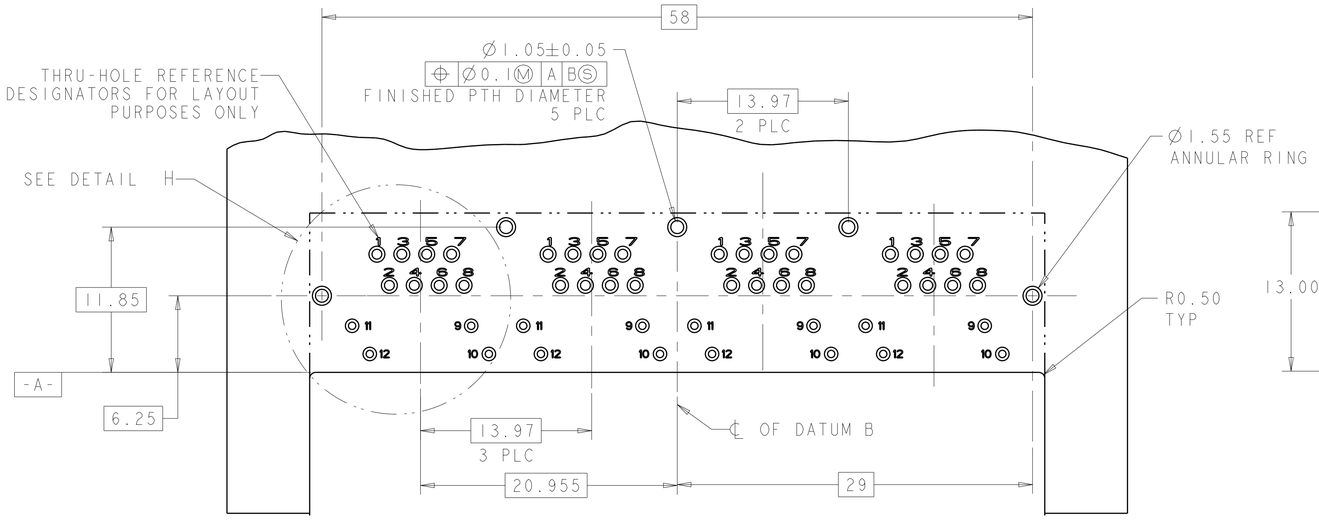
RESTRICTED CUSTOMER

SCALE 4:1 SHEET 1 OF 3 REV C

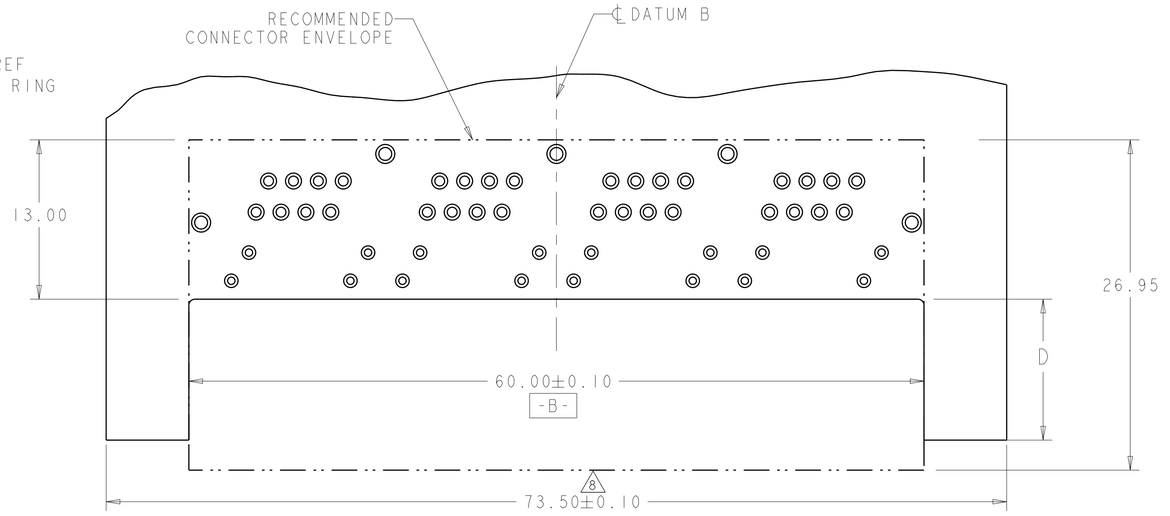
LOC	DIST
AA	00

REVISIONS

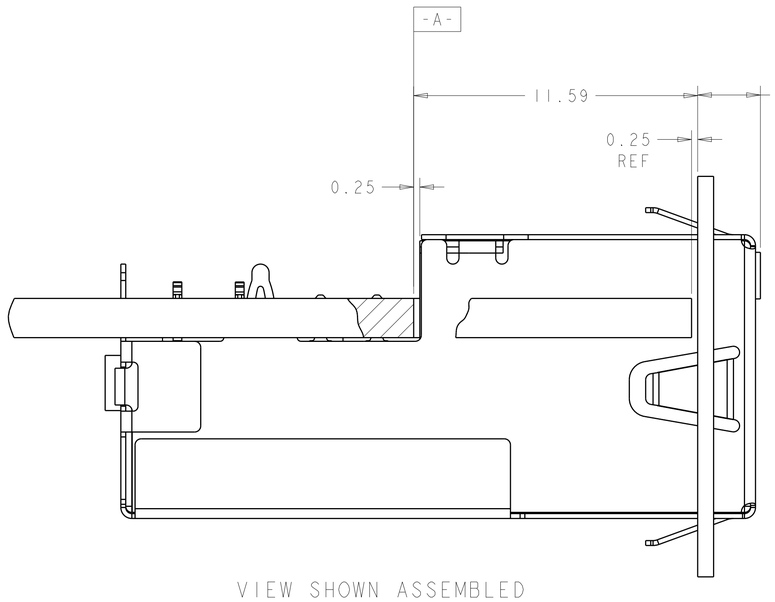
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



PCB SIDE 2

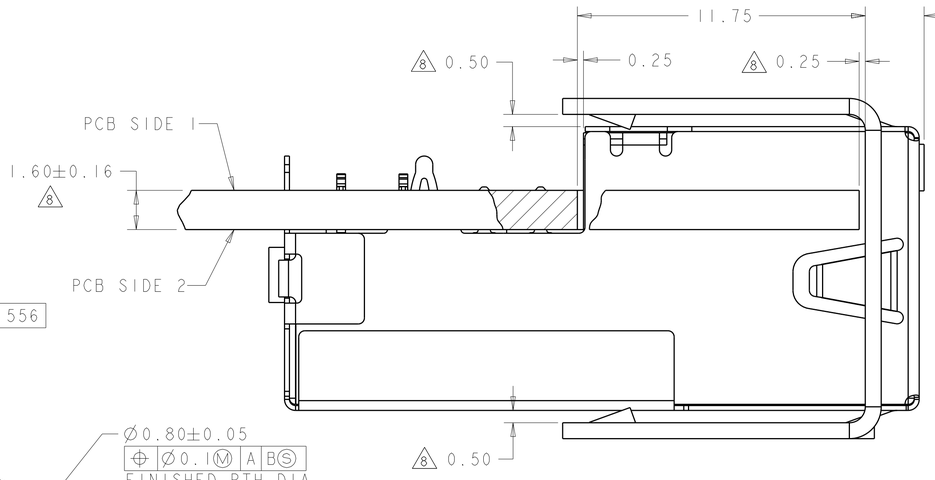


PCB SIDE 1

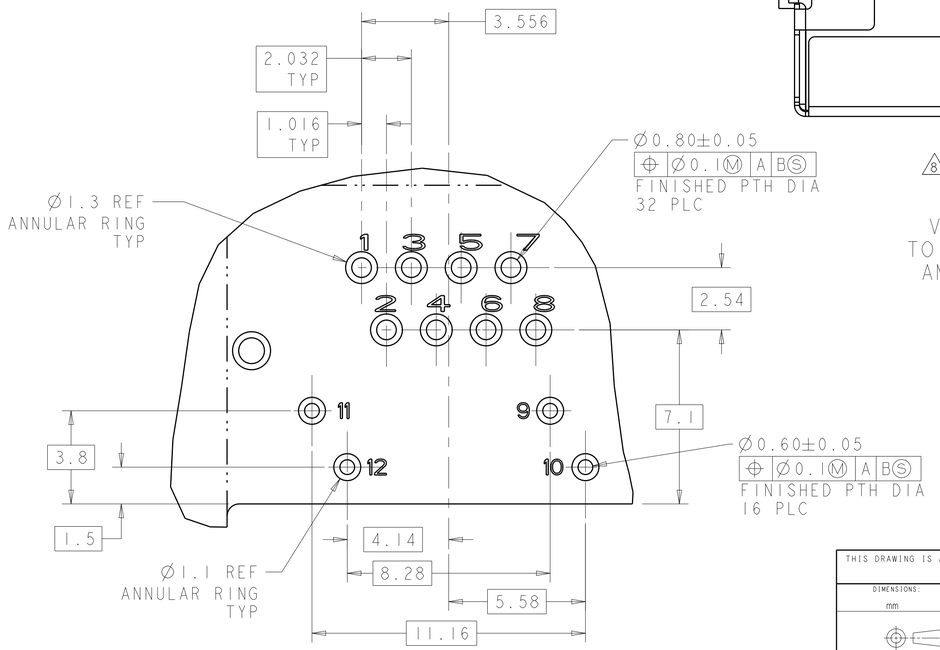


VIEW SHOWN ASSEMBLED TO PCB AND RECOMMENDED STANDARD FACE PLATE SCALE 8:1

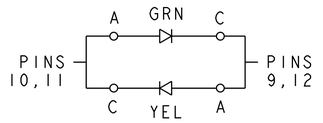
STANDARD FACE PLATE	11.34
AMC MODULE FACE PLATE	11.50
PCB CUTOUT	D



VIEW SHOWN ASSEMBLED TO PCB AND RECOMMENDED AMC MODULE FACE PLATE SCALE 8:1



DETAIL H SCALE 8:1



FOR 1888251-2, 1888251-5

	PIN #	1888251-1	1888251-2 1888251-5	1888251-3	1888251-4
LED 1	9	CATHODE(-)	ANODE(YEL),CATHODE(GRN)	-	CATHODE(-)
	10	ANODE(+)	ANODE(GRN),CATHODE(YEL)	-	ANODE(+)
LED 2	11	ANODE(+)	ANODE(GRN),CATHODE(YEL)	-	ANODE(+)
	12	CATHODE(-)	ANODE(YEL),CATHODE(GRN)	-	CATHODE(-)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±3°

MATERIAL SEE NOTE 1
FINISH SEE NOTE 1

DWN M.E.S./L.A.MAYER 15FEB2008
CHK J.WESTMAN 15FEB2008
APVD S.FLICKINGER 15FEB2008
PRODUCT SPEC -
APPLICATION SPEC 114-13179
WEIGHT -

TE Connectivity

NAME CONNECTOR ASSEMBLY, LOW PROFILE, PRESS FIT, MODULAR JACK, 1X4, RJ45
-

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1888251 | RESTRICTED TO

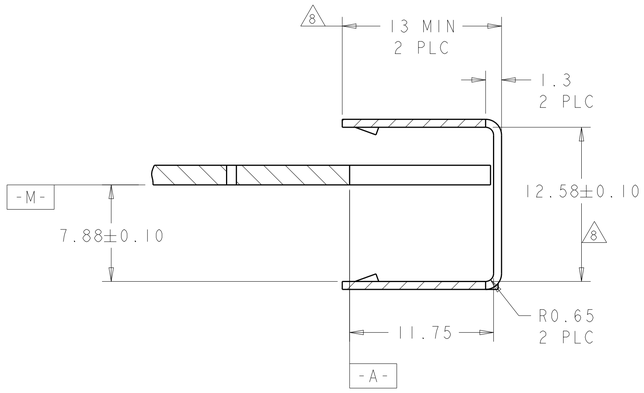
RESTRICTED CUSTOMER

SCALE 4:1 | SHEET 2 OF 3 | REV C

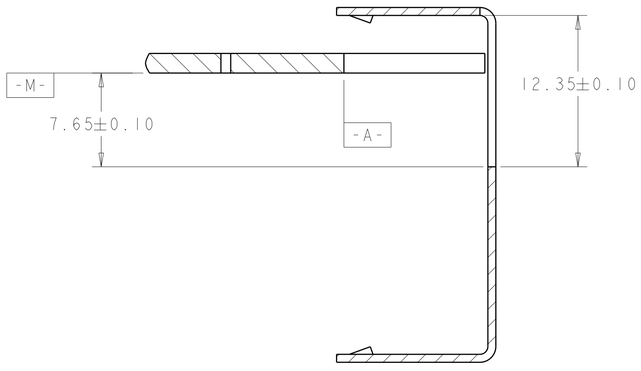
LOC	DIST
AA	00

REVISIONS

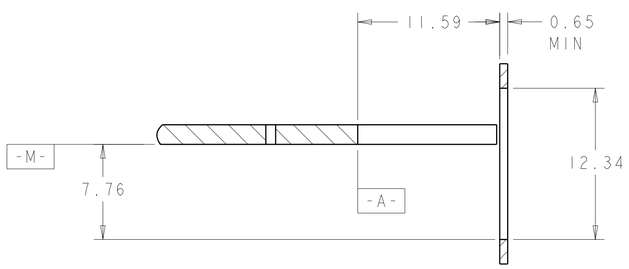
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



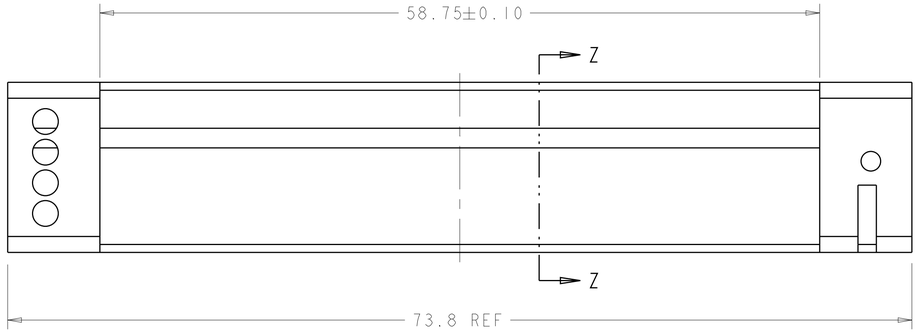
SECTION Z-Z



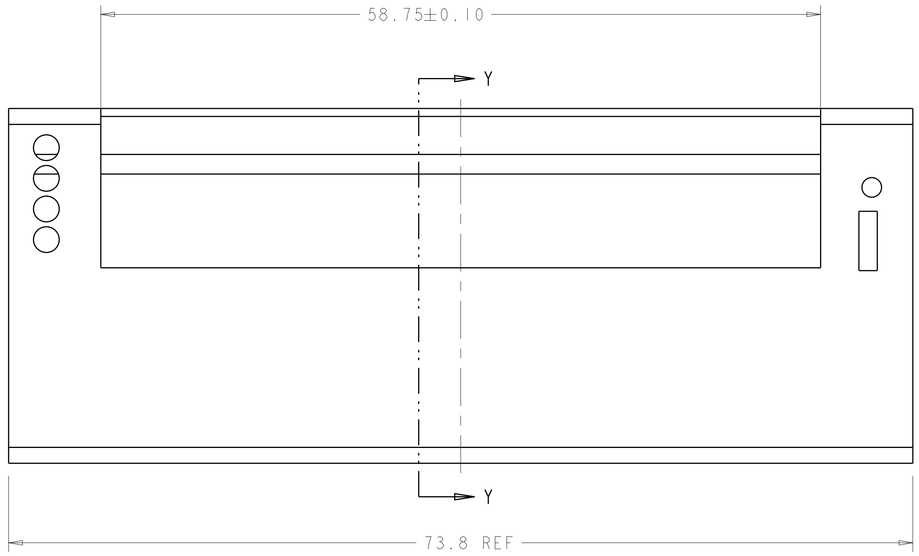
SECTION Y-Y



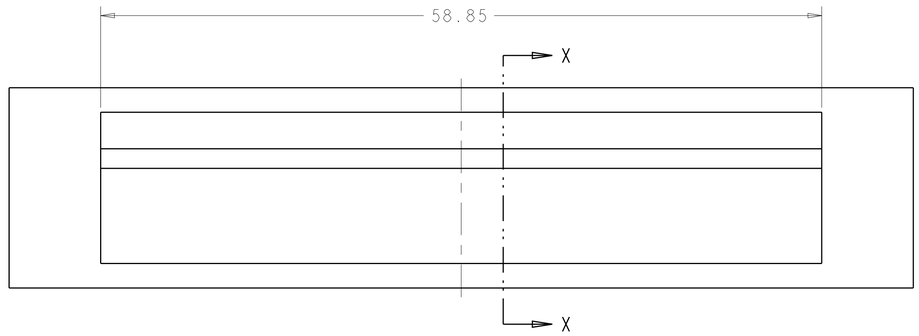
SECTION X-X



AMC SINGLE WIDTH, HALF HEIGHT MODULE FACE PLATE



AMC SINGLE WIDTH, FULL HEIGHT MODULE FACE PLATE



STANDARD FACE PLATE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±3°

MATERIAL SEE NOTE 1
FINISH SEE NOTE 1

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CHK J.WESTMAN 15FEB2008
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WEIGHT -

TE Connectivity

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SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1888251	

RESTRICTED CUSTOMER | SCALE 4:1 | SHEET 3 OF 3 | REV C

Looking for pricing, stock, or lifecycle information?

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- TE Connectivity Information

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- Obsolete Management
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