

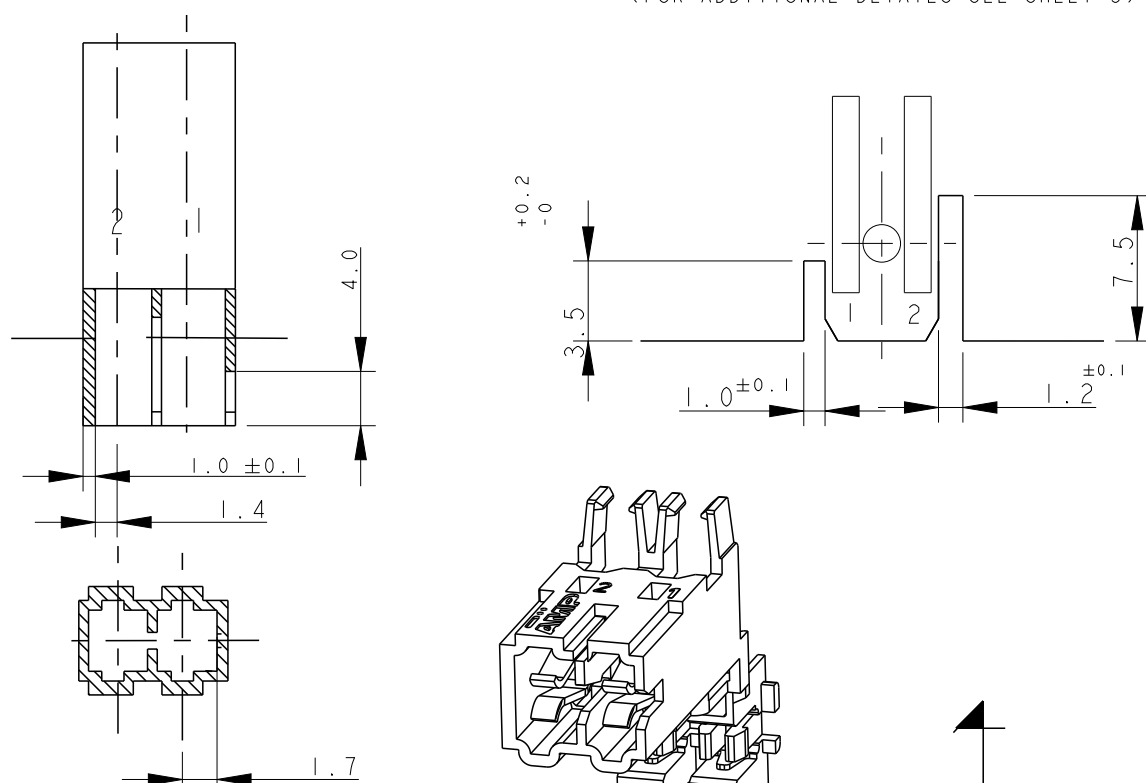
THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION	-
© COPYRIGHT copyright.d87e-		ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
-	-		Z15	ECR-16-018076	16JAN2017	1Z	RR	

DETAILS FOR x-284561-2

6 NOT YET IN PRODUCTION

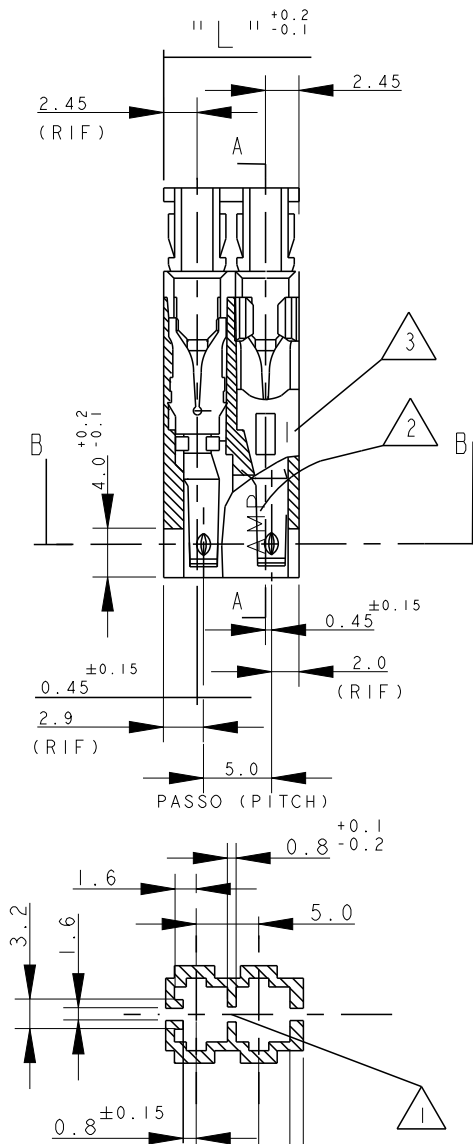
2 POS.
PCB LAYOUT FOR PN.S
x-284561-2
PER ALTRI DETTAGLI RIFERIRSI AL FOGLIO 5
(FOR ADDITIONAL DETAILS SEE SHEET 5)



USCITA CAVI IN ALTO
(CABLE EXIT IS UP)

RAPPRESENTAZIONE GRAFICA DEI P/Ns:
(GRAPHICAL REPRESENTATION OF P/Ns:)

x - 284561 - 1


$$\frac{\text{SEZ.B-B}}{(\text{SECT.B-B})} = \frac{2.45}{(815)}$$

DIAM. ISOLANTE
(INS. DIA. RANGE)
2.6 - 2.8

RANGO FILO
(WIRE RANGE)
0.5-0.75

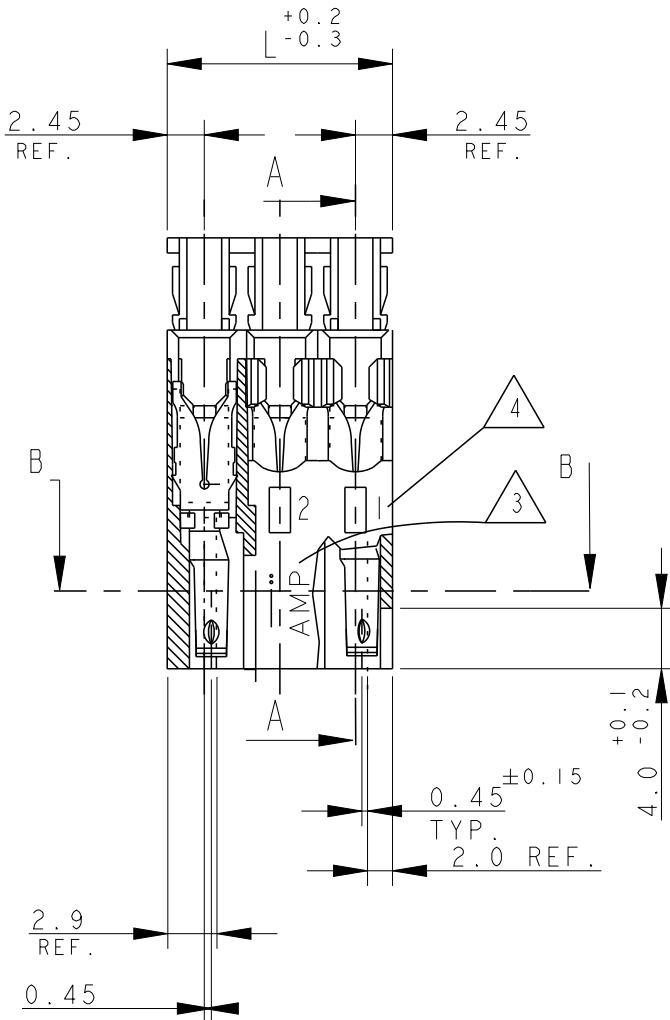
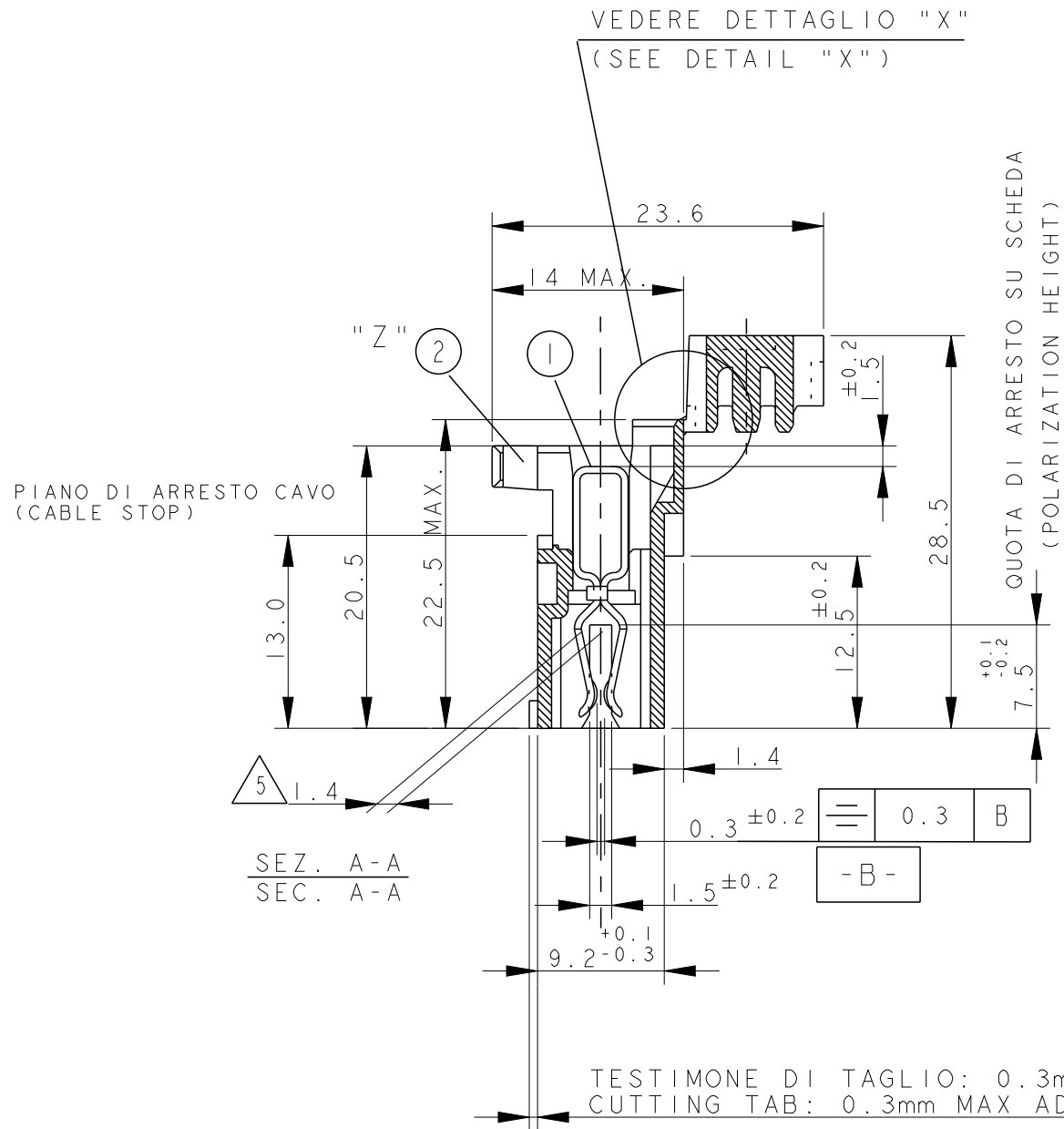
6 PN NOT YET RELEASED FOR PRODUCTION

7) PER I NUMERI DI RIFERIMENTO DEI CONNETTORI VEDERE ULTIMO FOGLIO
(FOR PN/S SEE LAST SHEET)

10) PER LE DIMENSIONI DELLE DIME DEL CIRCUITO STAMPATO VEDERE FOGLIO 5
(FOR PCB LAYOUT AND DIMENSIONS SEE SHEET 5)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 23JUL1996 C. CORDOLA		 TE Connectivity				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 0.3 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±2°		NAME MONO-SHAPE, MK1 PCB CONNECTOR 2-12 POS.				
				SIZE A2		GAGE CODE 1	DRAWING NO C=282042	RESTRICTED TO -
MATERIAL CONNECTORE NYLON (CONNECTOR NYLON) CONTATTO OTTONE (CONTACT BRASS)		FINISH STAGNATO (TIN PLATED)		WEIGHT -		Customer Drawing		
						SCALE 2.1	SHEET 1 of 9	REV 15

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-			SEE SHEET 1			

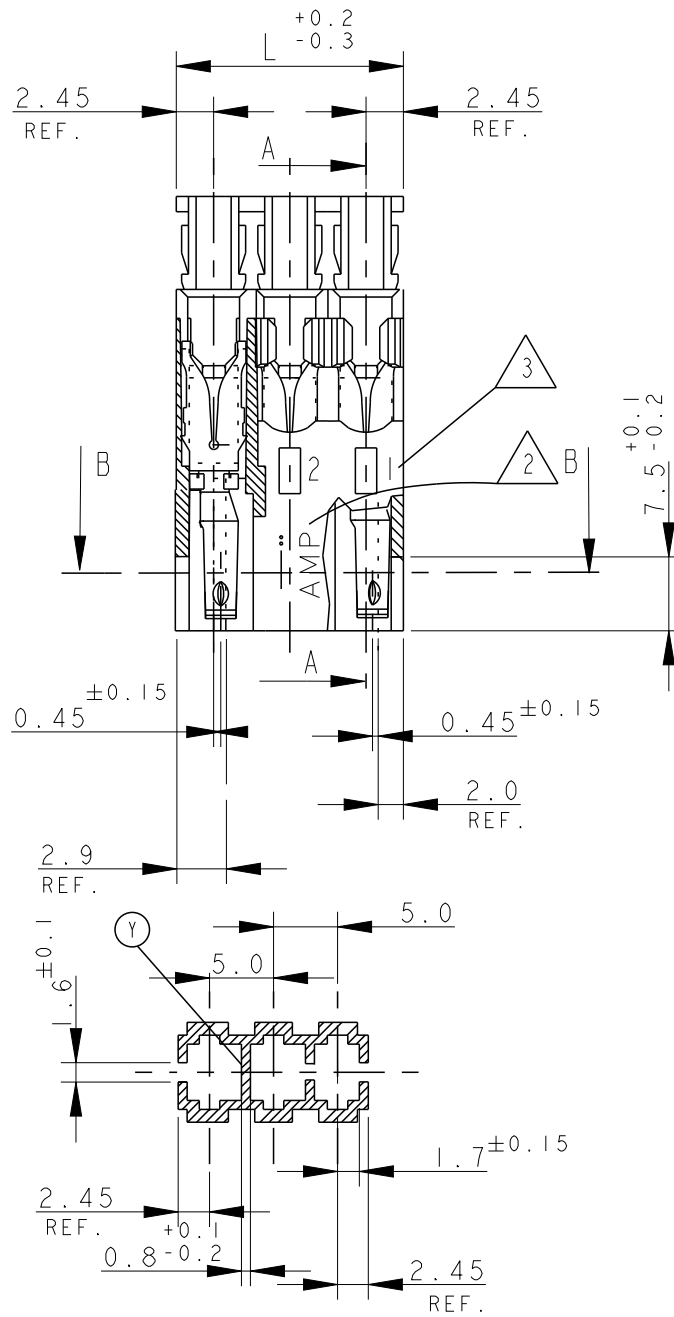
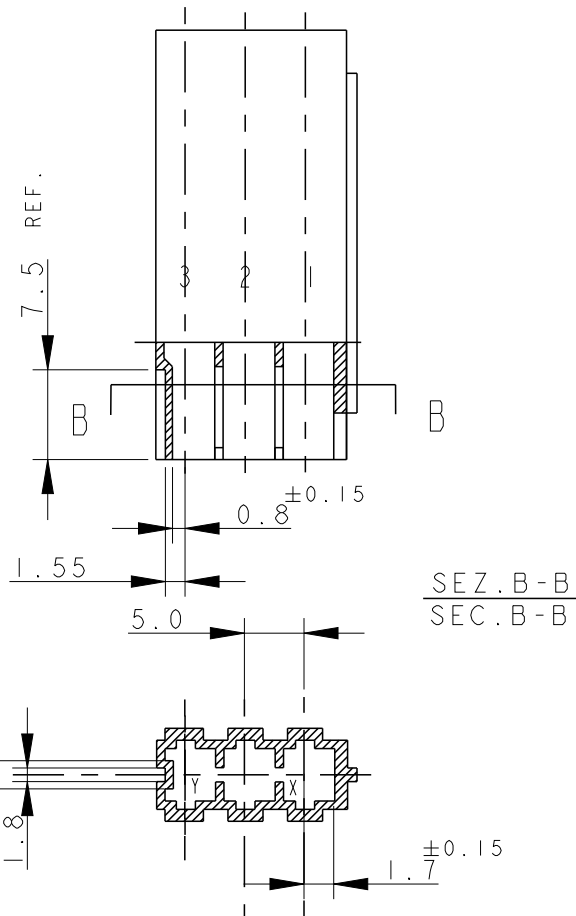
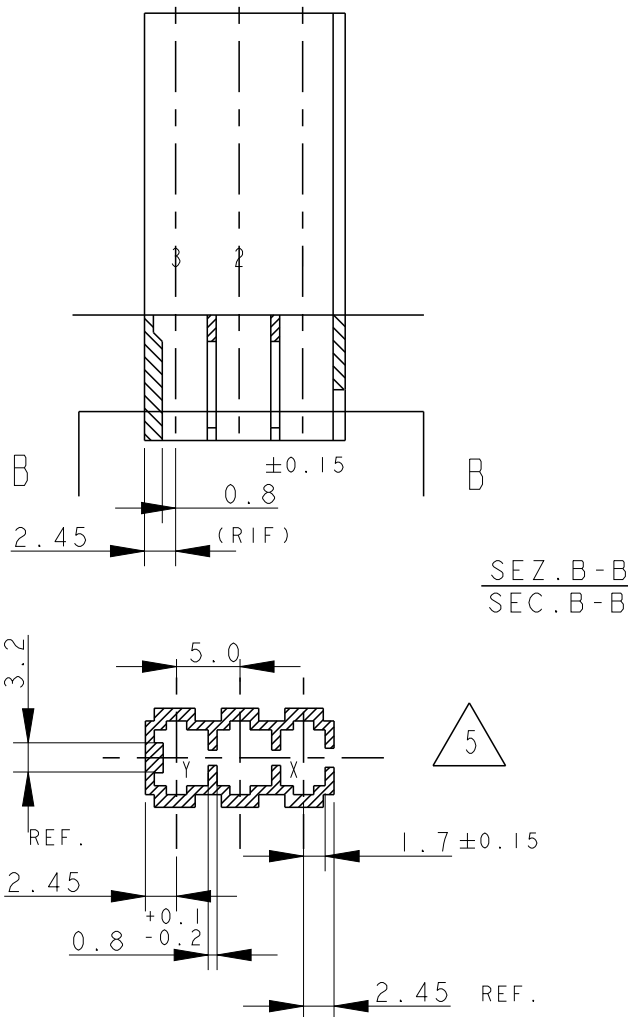


USCITA CAVI IN ALTO
(CABLE EXIT IS UP)

RAPPRESENTAZIONE GRAFICA DEI P/Ns:
(GRAPHICAL REPRESENTATION OF P/Ns:)
x-284546-1

RAPPRESENTAZIONE GRAFICA DEI P/Ns:
(GRAPHICAL REPRESENTATION OF P/Ns:)
x-282043-2 and x-282043-3

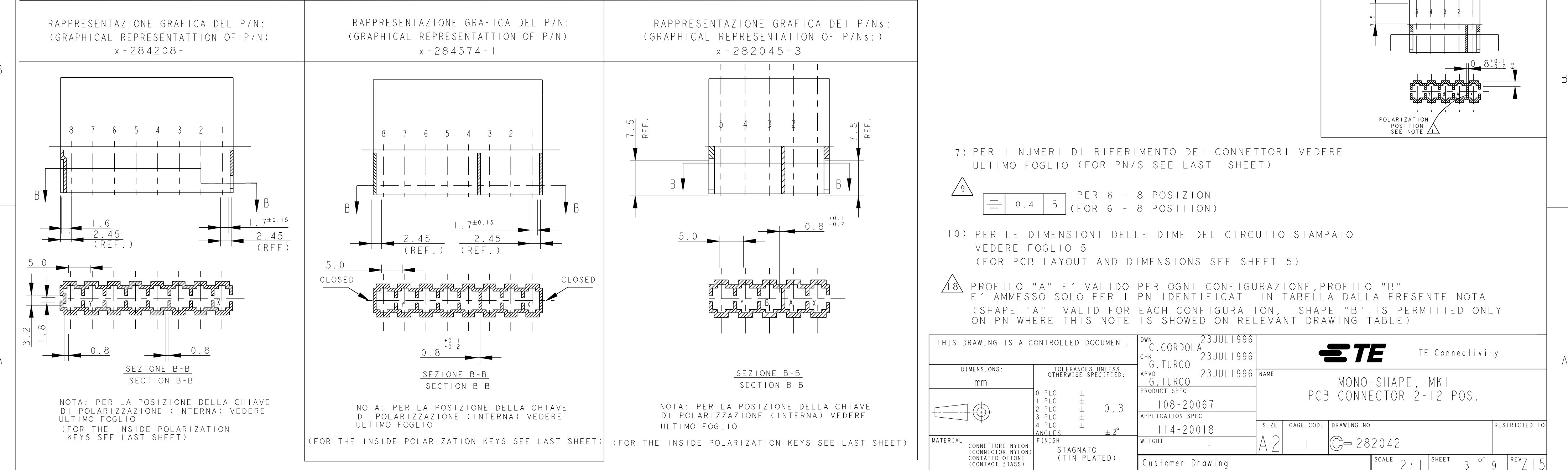
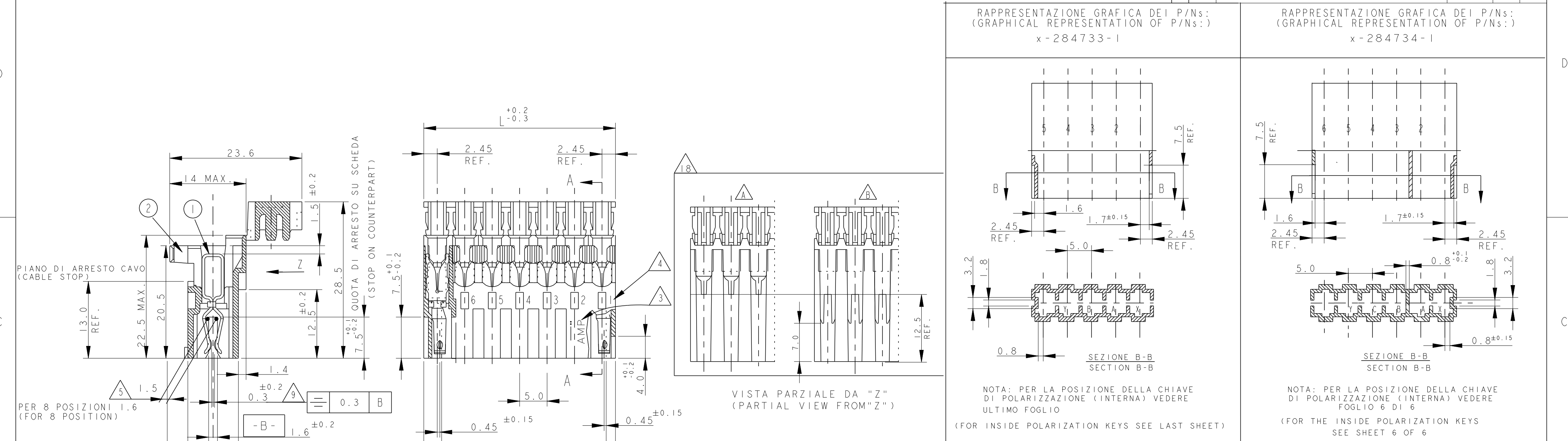
RAPPRESENTAZIONE GRAFICA DEI P/Ns:
(GRAPHICAL REPRESENTATION OF P/Ns:)
x-282235-2 and x-282235-3

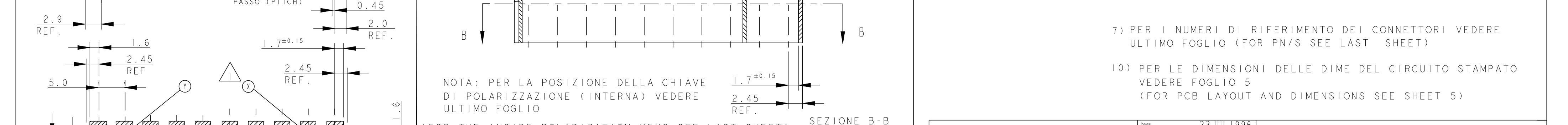
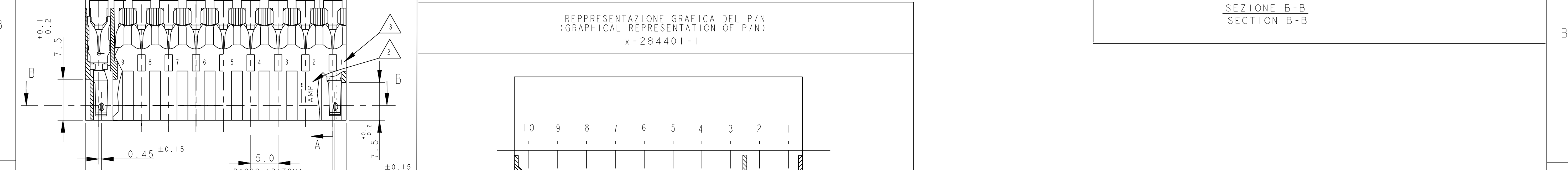
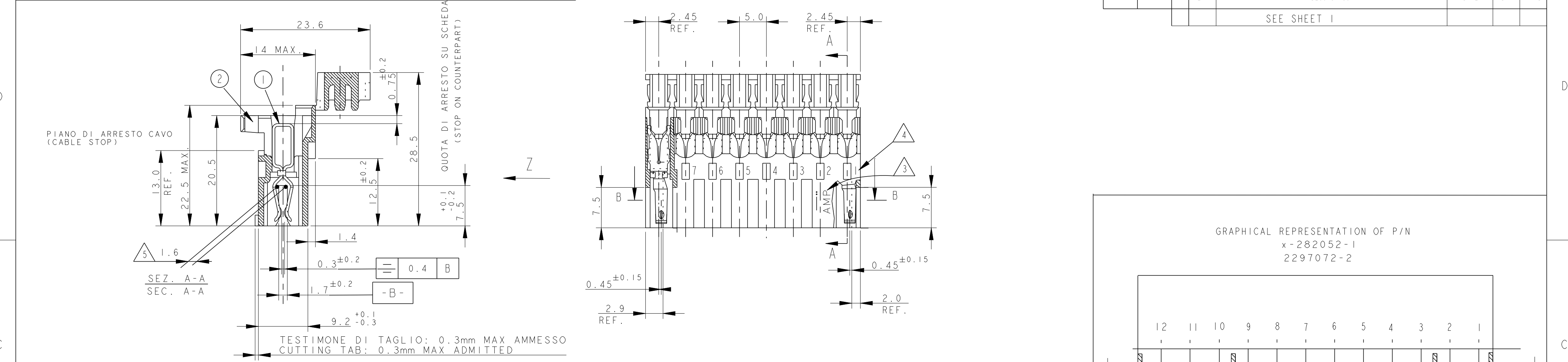


7) PER I NUMERI DI RIFERIMENTO DEI CONNETTORI VEDERE
ULTIMO FOGLIO (FOR PN/S SEE LAST SHEET)

10) PER LE DIMENSIONI DELLE DIME DEL CIRCUITO STAMPATO
VEDERE FOGLIO 5
(FOR PCB LAYOUT AND DIMENSIONS SEE SHEET 5)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.CORDOLA 23JUL1996	TE Connectivity			
DIMENSIONS: mm		CHK G.TURCO 23JUL1996				
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±2°		APVD G.TURCO 23JUL1996	NAME		
			PRODUCT SPEC	MONO-SHAPE, MK1 PCB CONNECTOR 2-12 POS.		
			APPLICATION SPEC	108-20067		
			114-20018	RESTRICTED TO		
MATERIAL CONNETTORE NYLON (CONNECTOR NYLON) CONTATTO OTTONE (CONTACT BRASS)		FINISH STAGNATO (TIN PLATED)	WEIGHT -	SIZE A2	CAGE CODE 1	DRAWING NO C-282042
Customer Drawing				SCALE NO	SHEET 2	OF 9
				REV Z15		





7) PER I NUMERI DI RIFERIMENTO DEI CONNETTORI VEDERE ULTIMO FOGLIO (FOR PN/S SEE LAST SHEET)

10) PER LE DIMENSIONI DELLE DIME DEL CIRCUITO STAMPATO VEDERE FOGLIO 5 (FOR PCB LAYOUT AND DIMENSIONS SEE SHEET 5)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.CORDOLA 23JUL1996	TE Connectivity	
DIMENSIONS: mm		CHK G.TURCO 23JUL1996	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G.TURCO 23JUL1996	MONO-SHAPE, MK1 PCB CONNECTOR 2-12 POS.	
0 PLC ± 0.3		PRODUCT SPEC	SIZE	
1 PLC ± 0.3		APPLICATION SPEC	CAGE CODE	
2 PLC ± 0.3		114-20018	DRAWING NO	
3 PLC ± 0.3		WEIGHT	RESTRICTED TO	
4 PLC ± 0.3		-	A2	
ANGLES ± 2°		Customer Drawing	SCALE	
FINISH STAGNATO (TIN PLATED)			SHEET 4 of 9	

4		3		2		1													
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION				LOC		DIST		REVISIONS									
COPYRIGHT copyright.d8Te-		ALL RIGHTS RESERVED.				-		-		P LTR		DESCRIPTION		DATE		DWN		APVD	
2 POS.		2 POS.		2 POS.		2 POS.		2 POS.		SEE SHEET 1									
												CONNECTOR LAYOUT 3D VIEW FOR REFERENCE TO SHOW THE CONNECTOR ORIENTATION RESPECT TO PCB CUT OUT DESIGN							
DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282042-1		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282042-2		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282042-3 & x-2293372-2 & x-2298752-2		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282042-4		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282042-5											
2 POS.		2 POS.		3 POS.		3 POS.		3 POS.											
												PCB ENTRY SIDE BACK SIDE CABLE EXIT DOWN							
DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-284561-1		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282042-6		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282043-2 and x-282043-3		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282235-2 and x-282235-3		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-284546-1											
4 POS.		5 POS.		5 POS.		5 POS.		5 POS.											
DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282044-1		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282045-1		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282045-2		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-282045-3		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-284733-1		DIMA DEL PCB PER PN (PCB LAYOUT FOR PN.S) x-284733-1		PCB LAYOUT FOR PN.S 3-282045-4 2293372-5 2298752-5							
- SUGGESTED SHAPE FOR PCB MATING SIDE, CAN BE ALSO OBTAINED BY SCORING PROCESS-		11) LE DIMENSIONI TIPICHE RIFERITE ALLE GEOMETRIE COMUNI A TUTTE LE DIME SONO INDICATE SOLO NEL DETTAGLIO RELATIVO AL PN 1-282042. (PCB GEOMETRY TYPICAL DIMENSIONS ARE SHOWN ON SKETCH FOR PN 1-282042-1) 12) LE DIME DEI PCB ACCOPPIANO CON I CONNETTORI INSERITI CO USCITA CAVI VERSO IL BASSO (PCB LAYOUT AS SHOWN WILL MATE WITC CONNECTORS HAVING CABLE EXIT DOWN)		THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0.3 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±2° MATERIAL CONNETTORE NYLON (CONNECTOR NYLON) CONTATTO OTTONE (CONTACT BRASS) FINISH STAGNATO (TIN PLATED)		DWN C.CORDOLA 23JUL1996 CHK G.TURCO 23JUL1996 APVD G.TURCO 23JUL1996 PRODUCT SPEC 108-20067 APPLICATION SPEC 114-20018 WEIGHT - Customer Drawing		NAME MONO-SHAPE, MK1 PCB CONNECTOR 2-12 POS.		SIZE A2 CAGE CODE 1 DRAWING NO C=282042 RESTRICTED TO -		SCALE 2:1 SHEET 5 OF 9 REV 215							

1

2

3

4

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

COPYRIGHT copyright.d8Te-

LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

NUMERO DI VIE	CONFIGURAZIONE (VISTA CON USCITA CAVI IN ALTO)	VERSIONE PEZZI IN VASSOIO	REV.	VERSIONE PEZZI SCIOLTI	REV.	POSIZIONE POLARIZ. (INTERVIA)	L (mm)	MARCHIATURA CON BANDA COLORATA
NO. OF POS.	(CONFIGURATION) (VIEW WITH CABLE EXIT UP)	ON TRAY PACKAGING VERSION	PART REV.	LOOSE PIECES PACKAGING VERSION	PART REV.	POLARIZ. POSITION (INTERVIA)	L (mm)	STRIP COLOUR
2		1-282042-1	U	2-282042-1	U	-	10.8	ARANCIO (ORANGE)
2		1-282042-2	U	2-282042-2	U	-	10.8	VERDE (GREEN)
2		1-282042-3	U	2-382042-3	U	-	9.9	BLU (BLUE)
2		1-282042-4	U	2-282042-4	U	-	10.8	ROSSO (RED)
2		1-282042-5	U	2-282042-5	U	-	9.9	NERO (BLACK)
2		1-284561-1	V	-	-	-	9.9	VERDE (GREEN)
2		1-282042-6	V	-	-	-	9.9	VIOLA (VIOLET)
2		1-284561-2	V	-	-	-	9.9	-
3		1-282043-2	U	2-282043-2	U	-	14.9	-
3		1-282043-3	U	2-282043-3	U	-	14.9	NERO (BLACK)
3		0-282235-2	U	2-282235-2	U	-	15.8	-
3		0-282235-3	U	2-282235-3	U	-	15.8	NERO (BLACK)
3		1-284546-1	V	-	-	2-3	14.9	BLU (BLUE)
4		1-282044-1	V	2-282044-1	V	-	19.9	-
4		3-282044-1	V	-	-	-	19.9	-
5		1-282045-1	U	2-282045-1	U	-	24.9	-
5		1-282045-2	U	2-282045-2	U	2-3	24.9	VERDE (GREEN)
5		1-282045-3	U	2-382045-3	U	2-3	24.9	BLU (BLUE)
5		1-284733-1	U	2-284733-1	U	-	24.9	-
5		3-282045-4	I	-	-	1-2	24.9	Orange
6		1-282046-1	U	2-282046-1	U	2-3	29.9	-
6		1-284734-1	U	2-284734-1	U	2-3	29.9	-
7		1-282047-1	U	2-282047-1	U	-	34.9	-
8		0-284208-1	U	2-284208-1	U	2-3	39.9	-
9		1-282049-1	U	2-282049-1	U	2-3 6-7	44.9	-
10		1-282050-1	U	2-282050-1	U	2-3 7-8	49.9	-
10		1-284401-1	V	-	-	2-3	49.9	NERO (BLACK)
11		1-282051-1	U	2-282051-1	U	2-3 8-9	54.9	-
12		1-282052-1	U	2-282052-1	U	2-3 9-10	59.9	-

CONNETTORE COMPLETO DI CAVO (TERMINATED CONNECTOR)

22.5 max. (FOR REFERENCE ONLY)

LEGENDA (DESCRIPTION)

AMP MONO-SHAPE PCB CONNECTOR

lato banda colorata (Colour strip side)

Parte anteriore connettore (Lato cavi) (Top side connector) (Cable side)

1) PER LE DIMENSIONI DEGLI SCARICHI SUL PCB VEDERE FOGLIO 5 (FOR PCB LAYOUT AND DIMENSIONS SEE SHEET 5)

2) GLI AGGANCI PER DIMA CIRCUITO STAMPATO, SONO SEMPRE RICAVATI SULLA SECONDA E PENULTIMA PARETE DEL BLOCCHETTO (INDICATI COME X-Y SUI DETTAGLI DEL DISEGNO) (LOCKING TEETH ARE OBTAINED ON THE SECOND AND THE SECOND-LAST WALL (NAMED X-Y ON RELEVANT DWG. DETAILS))

3) MARCHIO DI FABBRICA (LIBERA POSIZIONE) (TRADEMARK) (FREE POSITION)

4) NUMERI DI IDENTIFICAZIONE CAVITA' (CIRCUIT IDENTIFICATION)

5) ADATTO PER SCHEDA CIRCUITO STAMPATO SPESSORE 1.5±0.14 (SUITABLE FOR P.C.B. THK. 1.5±0.14)

6) PN NOT YET RELEASED FOR PRODUCTION

12) INCLUDE LA POLARIZZAZIONE DOVE E' ESISTENTE (INCLUDING POLARIZATION KEY, WHEN EXISTING)

15) STATO DI FORNITURA: CONFEZIONAMENTO IN "VASSOI + SCATOLA" (PACKAGING: "ON TRAY PLUS CARTON BOX")

16) CONFEZIONAMENTO IN BOBINA OBSOLETATO (PACKAGING: "ON REEL" OBSOLETE)

17) APPROVAZIONE VDE, FILE No. 3905 (VDE APPROVAL, FILE No. 3905)

18) PROFILO "A" E' VALIDO PER OGNI CONFIGURAZIONE, PROFILO "B" E' AMMESSO SOLO PER I PN IDENTIFICATI IN TABELLA DALLA PRESENTE NOTA (SHAPE "A" VALID FOR EACH CONFIGURATION, SHAPE "B" IS PERMITTED ONLY ON PN WHERE THIS NOTE IS SHOWN ON RELEVANT DRAWING TABLE)

19) OBSOLETE: CIS STREAMLINING PER D.RENAUD/D.SINISI

20) OBSOLETE

21) PA GF, UL-V0 GWEPT 750°C NO FLAME, NATURAL

2	BLOCCHETTO (HOUSING)	NATURALE (NATURAL)	PA 6.6 CARICATO VETRO (POLIAMIDE 6.6 GLASSFIBER FILLED)
1	CONTATTO (CONTACT)	STAGNATO (TIN-PLATED)	OTTONE (BRASS)
ITEM	DENOMINAZIONE (DESCRIPTION)	FINITURA/COLORE (FINISH/COLOUR)	MATERIALE (MATERIAL)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± 0.3

1 PLC ± 0.3

2 PLC ± 0.3

3 PLC ± 0.3

4 PLC ± 0.3

ANGLES ±2°

MATERIAL CONNETTORE NYLON (CONNECTOR NYLON) CONTATTO OTTONE (CONTACT BRASS)

FINISH STAGNATO (TIN PLATED)

DWN C.CORDOLA 23JUL1996

CHK G.TURCO 23JUL1996

APVD G.TURCO 23JUL1996

PRODUCT SPEC 108-20067

APPLICATION SPEC 114-20018

WEIGHT -

Customer Drawing

SCALE NO

SHEET 7 OF 9

REV Z15

TE Connectivity

MONO-SHAPE, MK1 PCB CONNECTOR 2-12 POS.

SIZE A2

CAGE CODE 1

DRAWING NO C-282042

RESTRICTED TO -

1471-9 (3/11)

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT copyright_dbfe-ALL RIGHTS RESERVED.

LOC-

DIST-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

21

PA GF, UL-V0 GWEPT 750°C NO FLAME, NATURAL

	NO of POS.	CONFIGURATION (SEE TYP. SECTION ONLY FOR REF①)	ON TRAY PACKAGING VERSION	PART REV.	LOOSE PIECES PACKAGING VERSION	PART REV.	POLARIZ. POSITION (INTERVIA)	"L" (mm)	COLOR CODE
6	2		2293372-2	I	-	-	-	9.9	BLUE
6	3	-	2293372-3	I	-	-	-	14.9	-
6	4	-	2293372-4	I	-	-	-	19.9	-
	5		2293372-5	Z	-	-	1-2	24.9	-
6	6	-	2293372-6	I	-	-	-	29.9	-
	7		2293372-7	Z	-	-	-	34.9	-
6	8	-	2293372-8	I	-	-	-	39.9	-
	9		2293372-9	Z	-	-	2-3 6-7	44.9	-
6	10	-	1-2293372-0	I	-	-	-	49.9	-
6	11	-	2297072-1	I	-	-	-	54.9	-
6	12		2297072-2	I	-	-	2-3 9-10	59.9	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
CONNETTORE NYLON
(CONNECTOR NYLON)
CONTATTO OTTONE
(CONTACT BRASS)

FINISH
STAGNATO
(TIN PLATED)

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ± 0.3

3 PLC ±

4 PLC ±

ANGLES ±2°

DWN 23JUL1996
C.CORDOLA

CHK 23JUL1996
G.TURCO

APVD 23JUL1996
G.TURCO

PRODUCT SPEC
108-20067

APPLICATION SPEC
114-20018

WEIGHT
-

Customer Drawing

TE Connectivity

NAME
MONO-SHAPE, MKI
PCB CONNECTOR 2-12 POS.

SIZE
A2

CAGE CODE
1

DRAWING NO
C-282042

RESTRICTED TO
-

SCALE NO SHEET 8 OF 9 REV Z15

1471-9 (3/11)

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT copyright.d8te

ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

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

21

PA GF, UL-V0 GWEPT 750°C NO FLAME, NATURAL

LONG VERSION

	NO. OF POS.	CONFIGURATION (SEE TYP. SECTION ONLY FOR REF.) ①	ON TRAY PACKAGING VERSION	PART REV.	LOOSE PIECES PACKAGING VERSION	PART REV.	POLARIZ. POSITION (INTERVIA)	L (mm)	COLOR CODE
6	2		2298752-2		-	-	-	9.9	BLUE
6	3	-	2298752-3		-	-	-	14.9	-
6	4	-	2298752-4		-	-	-	19.9	-
6	5		2298752-5		-	-	1-2	24.9	-
6	6	-	2298752-6		-	-	-	29.9	-
6	7		2298752-7		-	-	-	34.9	-
6	8	-	2298752-8		-	-	-	39.9	-
6	9		2298752-9		-	-	2-3, 6-7	44.9	-
6	10	-	1-2298752-0		-	-	-	49.9	-
6	11	-	2298552-1		-	-	-	54.9	-
6	12	-	2298552-2		-	-	-	59.9	-

VIEW APPLIES TO LONG VERSION ONLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. CORDOLA 23JUL1996	TE Connectivity	
DIMENSIONS: mm		CHK G. TURCO 23JUL1996		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME MONO-SHAPE, MK1 PCB CONNECTOR 2-12 POS.	
	0 PLC ± 0.3			
	1 PLC ± 0.3			
2 PLC ± 0.3		APVD G. TURCO 23JUL1996		
3 PLC ± 0.3		PRODUCT SPEC		
4 PLC ± 0.3		108-20067		
ANGLES ±2°		APPLICATION SPEC		
FINISH		114-20018		
MATERIAL CONNETTORE NYLON (CONNECTOR NYLON) CONTATTO OTTONE (CONTACT BRASS)		WEIGHT -		
STAGNATO (TIN PLATED)		Customer Drawing		
		SCALE NO SHEET 9 OF 9 REV. 15		

4

3

2

1

D

C

B

A

1471-9 (3/11)