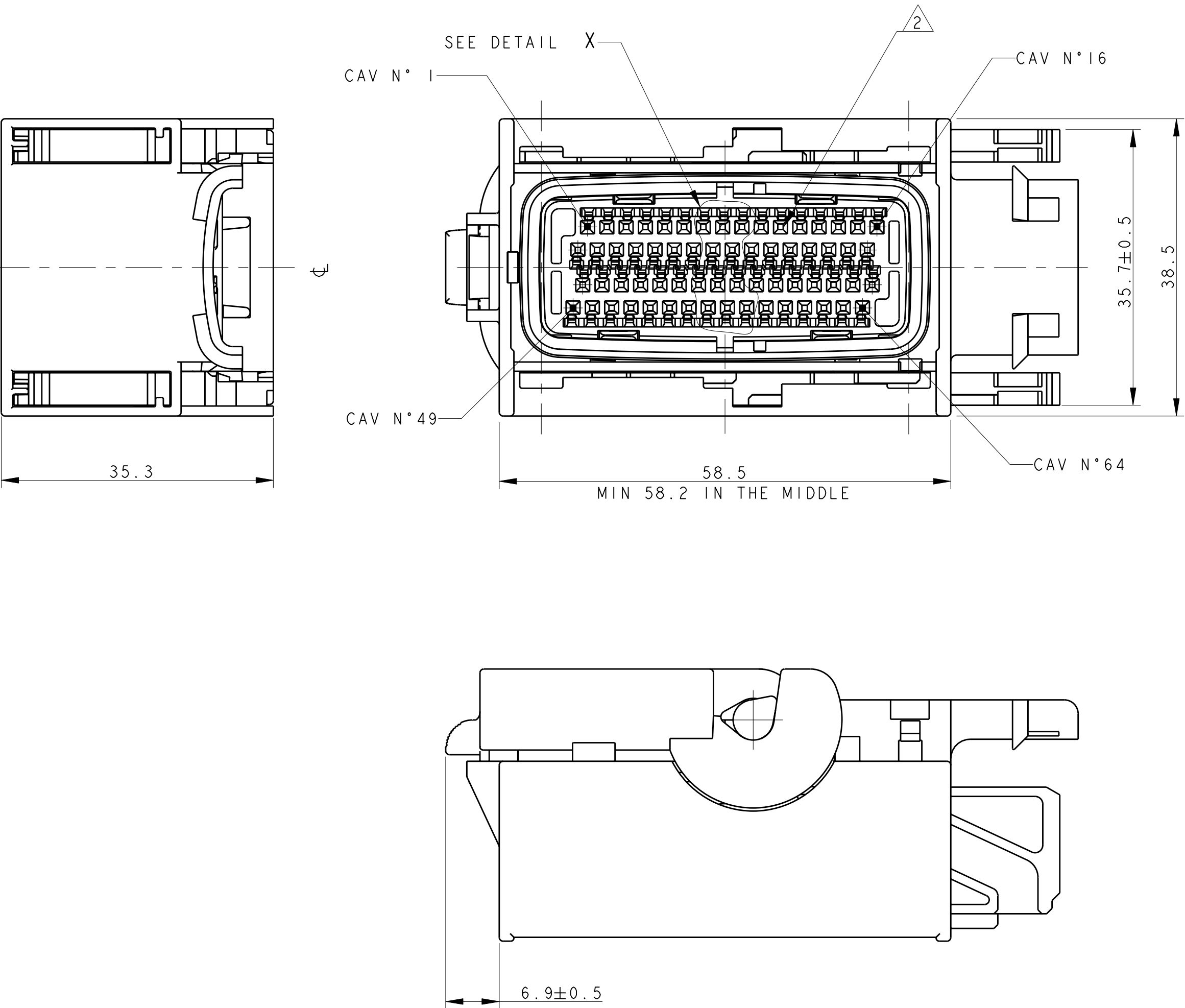


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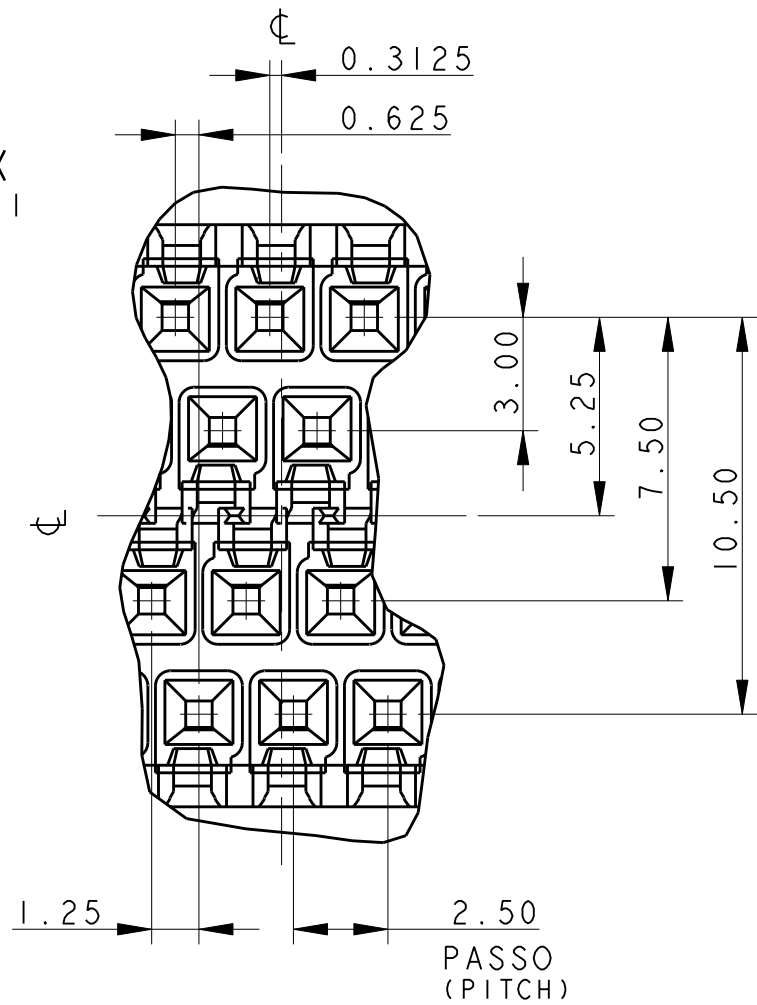
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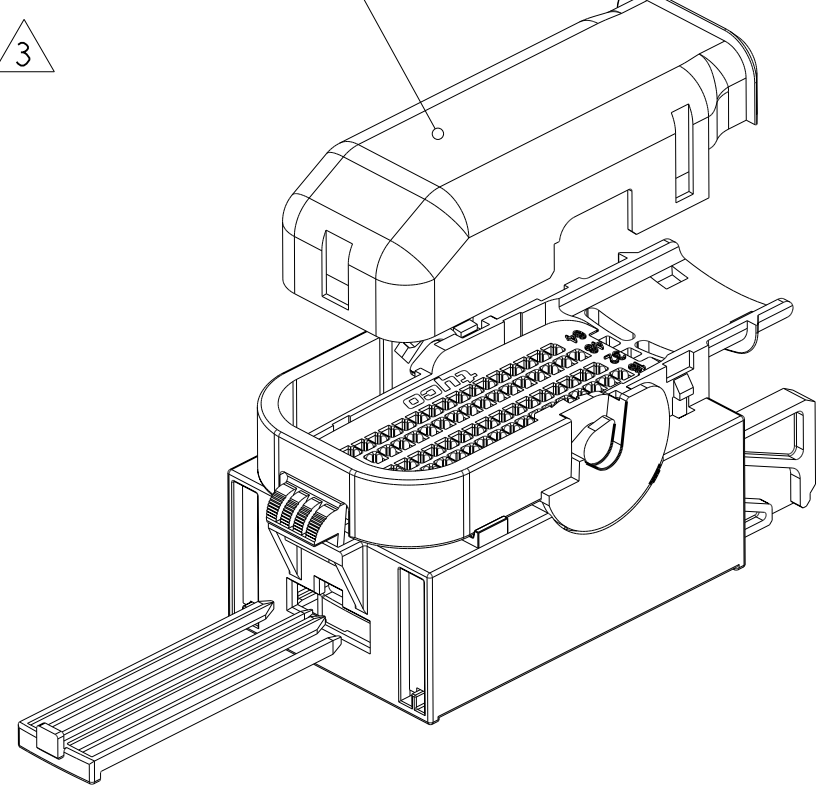
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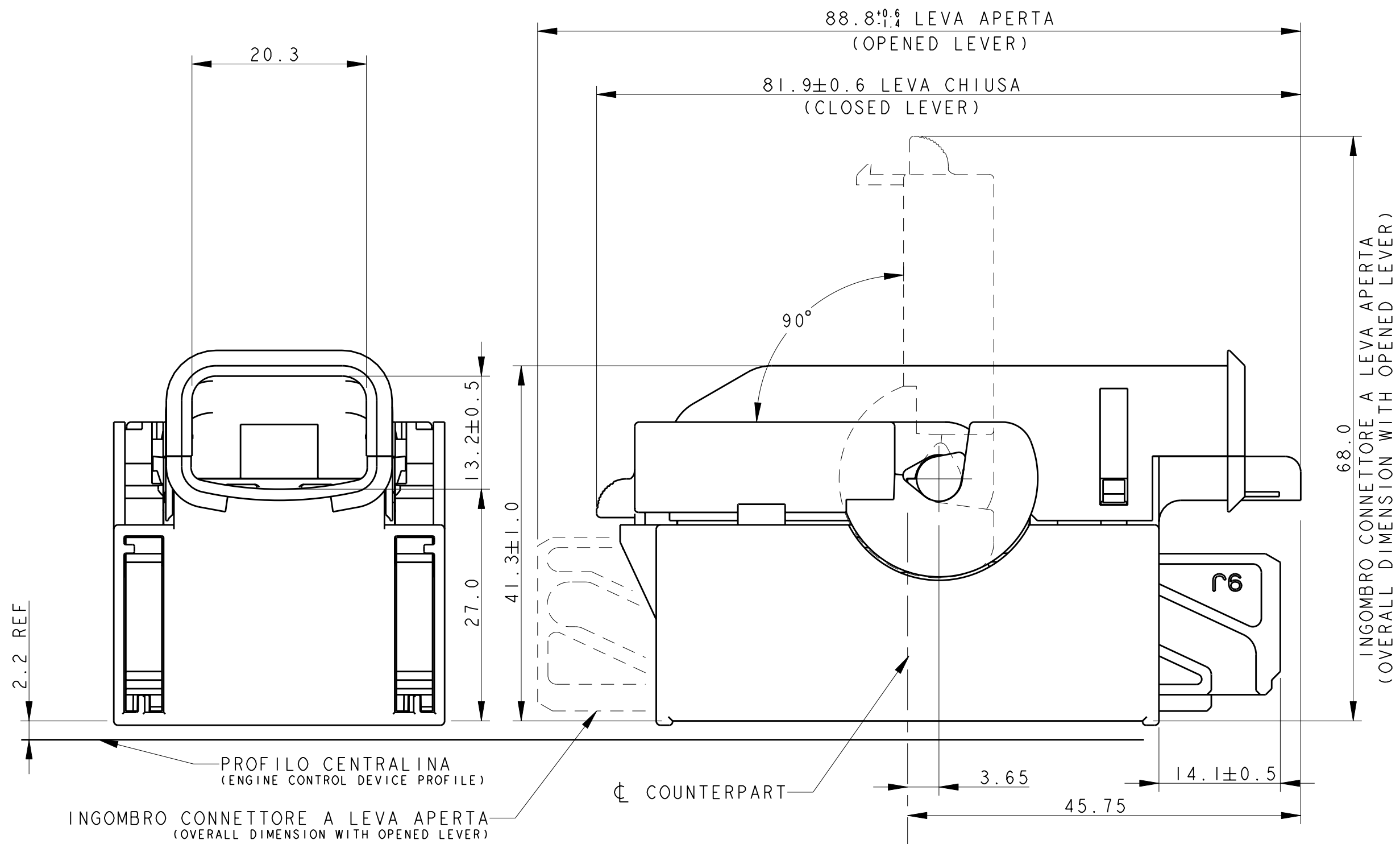
DETAIL X
SCALE 5:1



CONNETTORE COME FORNITO
(CONNECTOR AS SUPPLIED)



VISTE CONNETTORE COMPLETO
ACCOPIATO CON CONTROPARTE
(CONNECTOR MATED WITH COUNTERPART VIEWS)

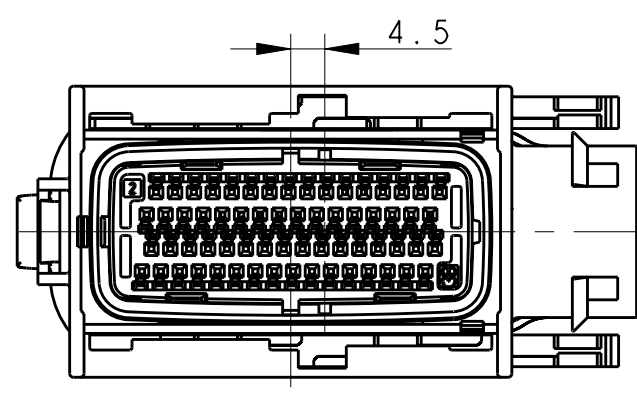
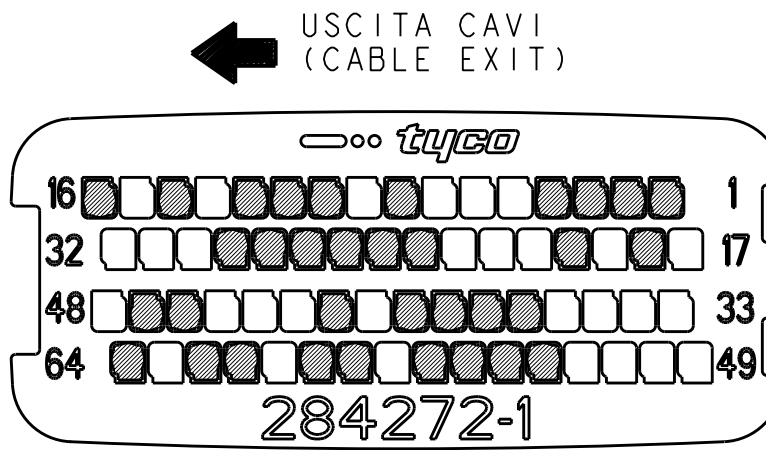
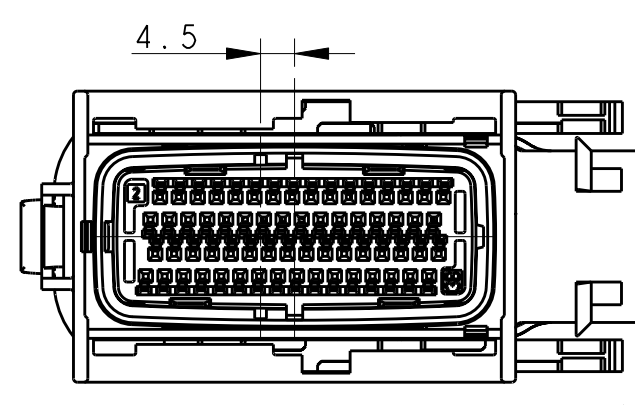
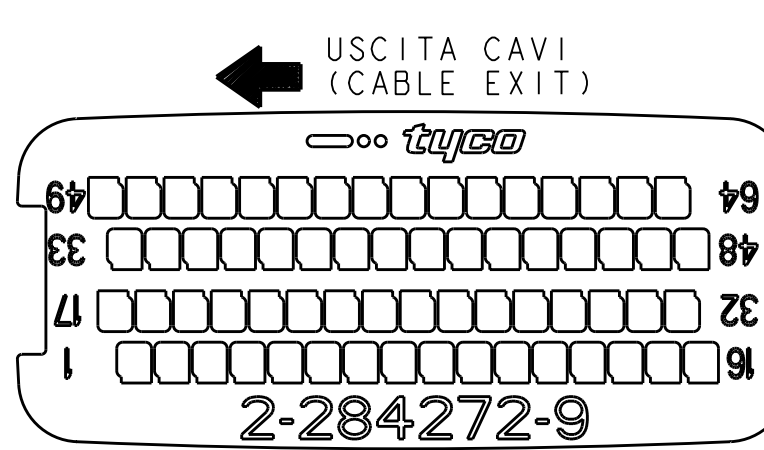
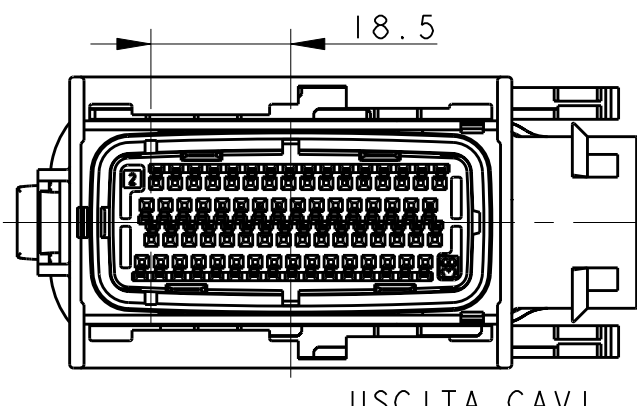
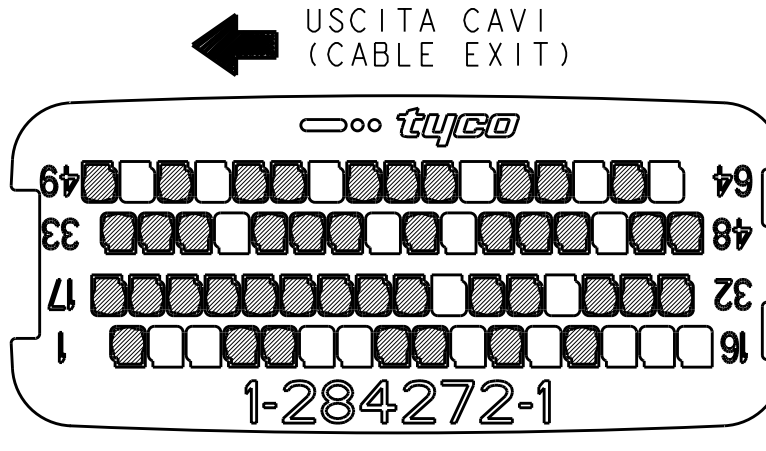
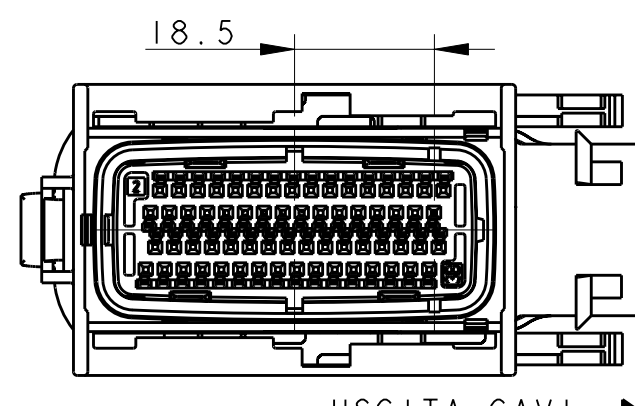
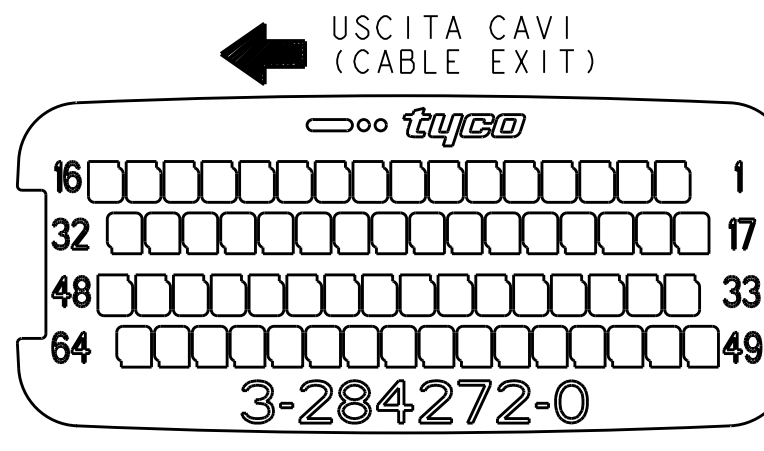
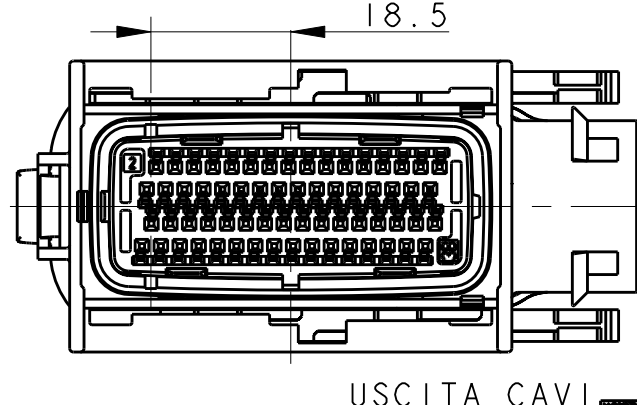
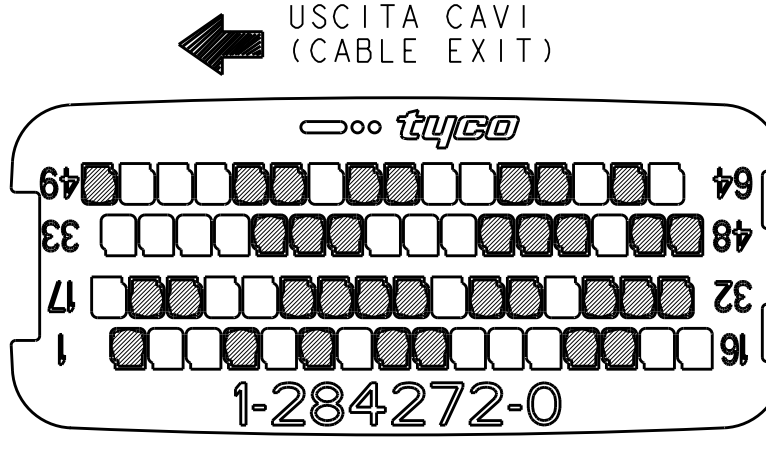
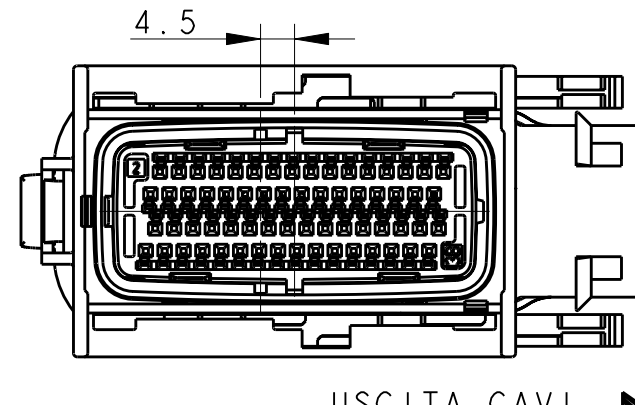
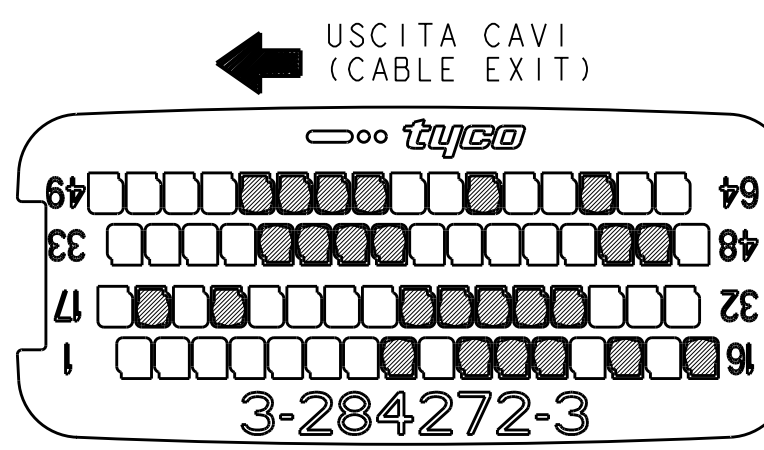
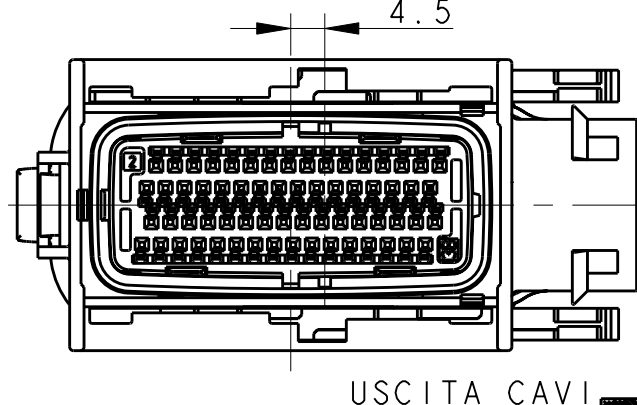
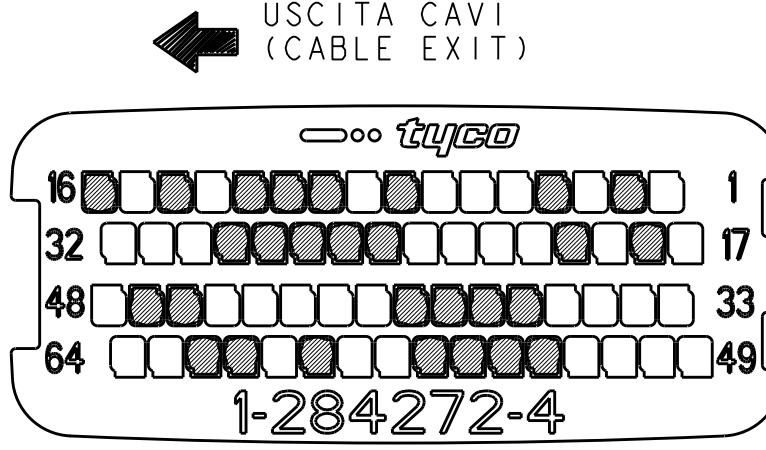
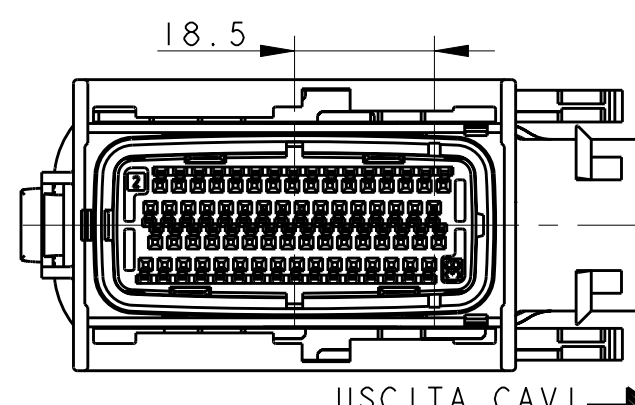
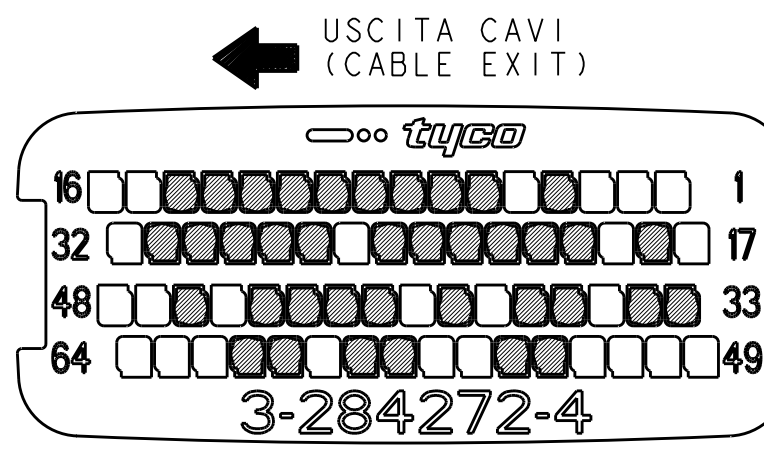
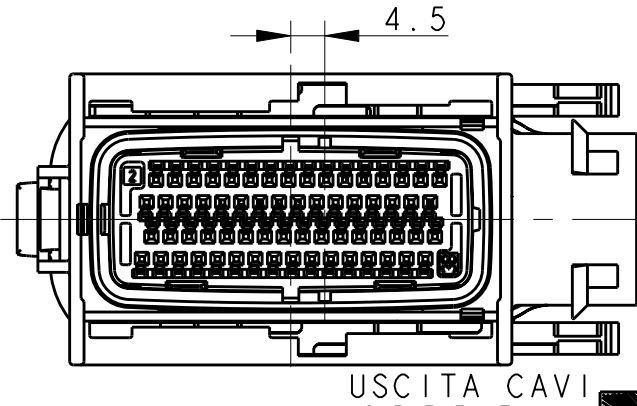
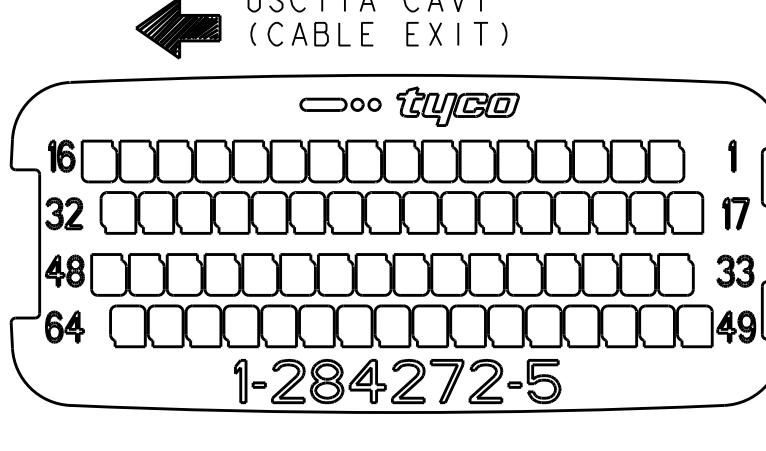
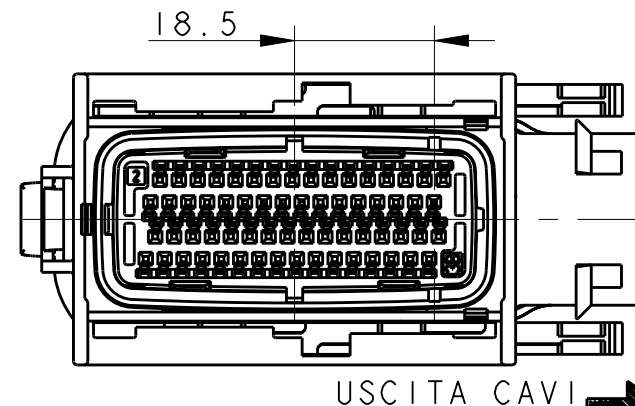
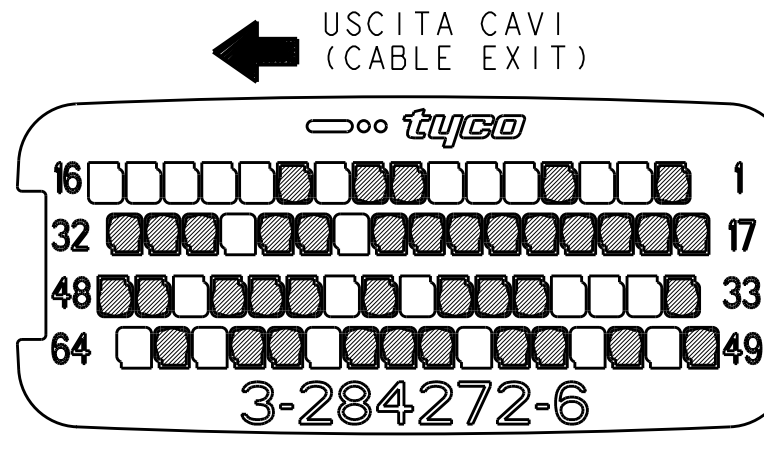
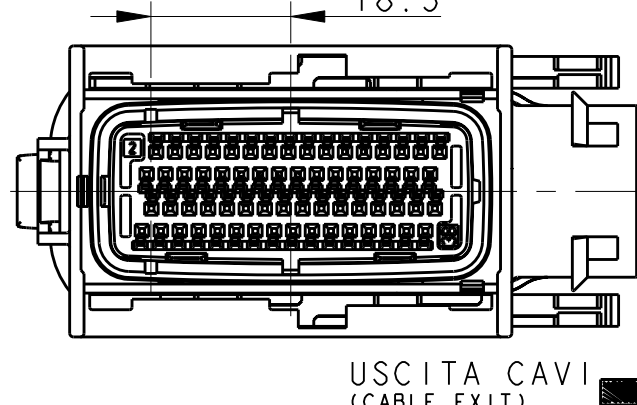
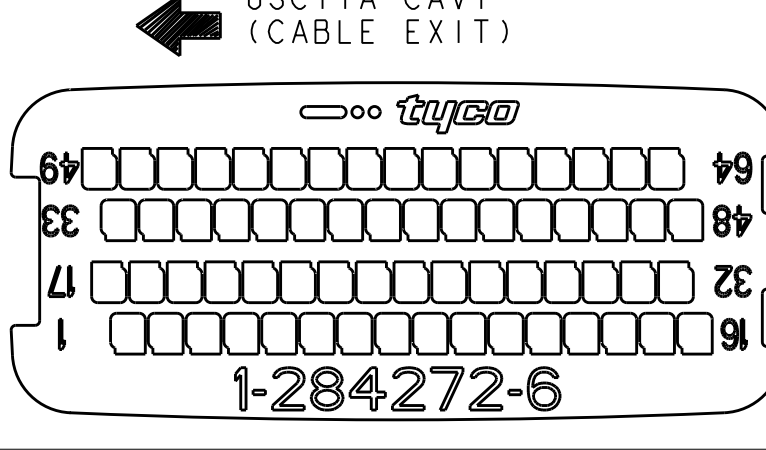
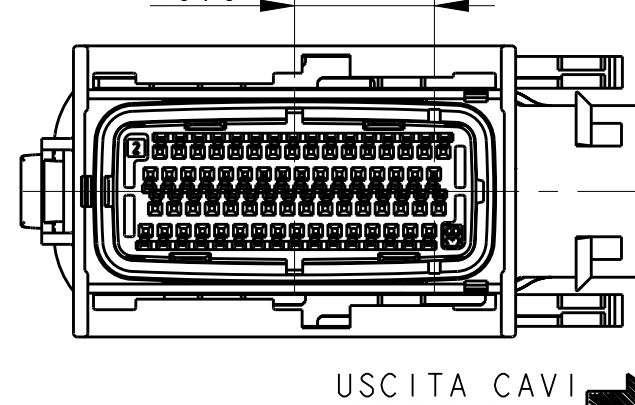
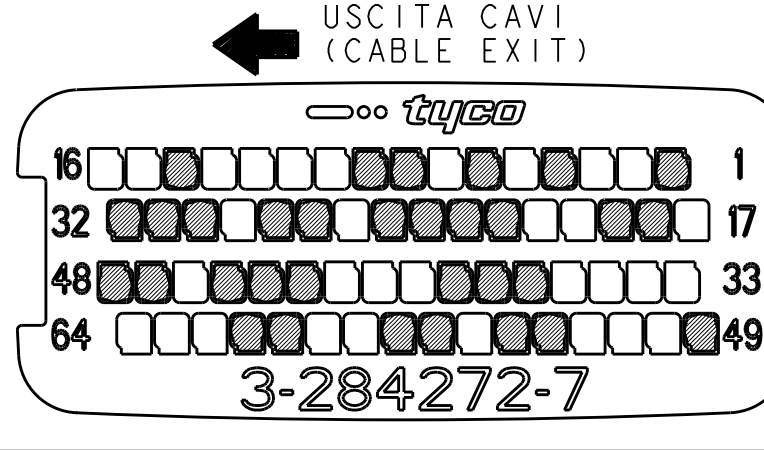
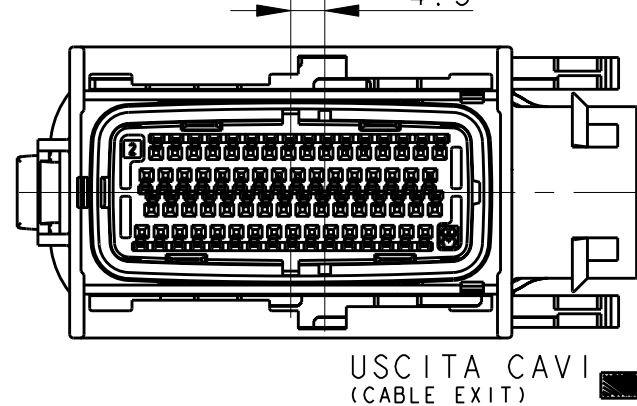
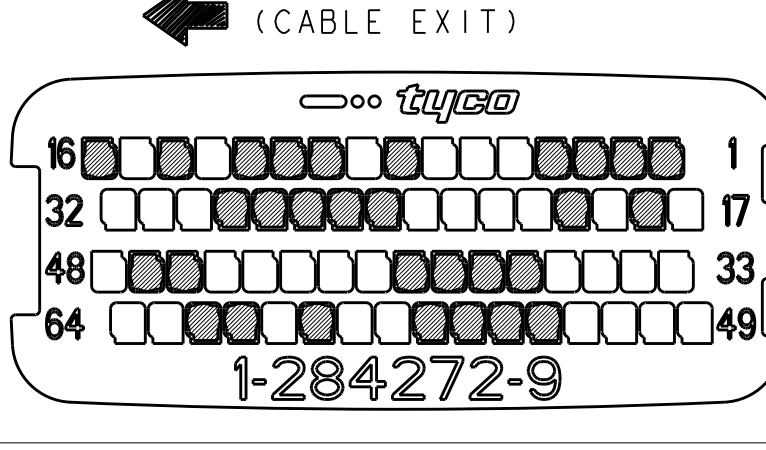
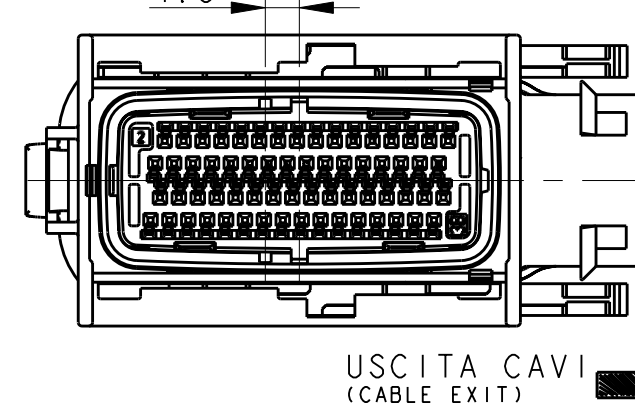
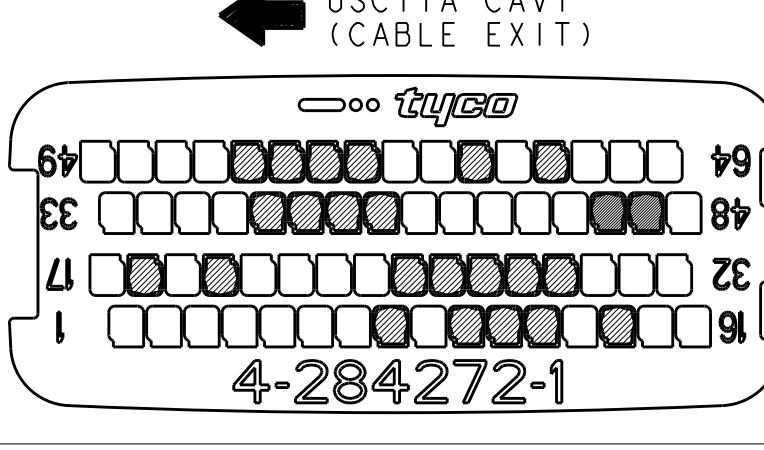
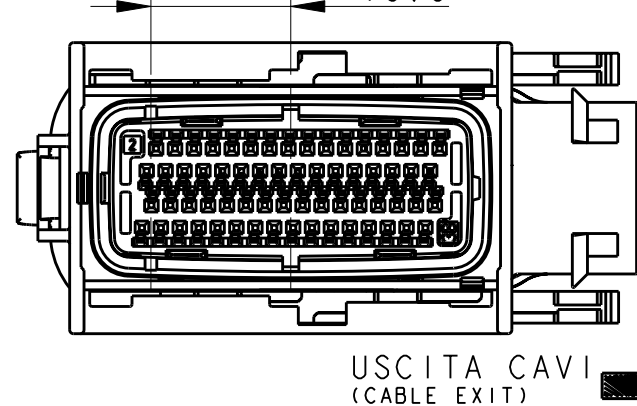
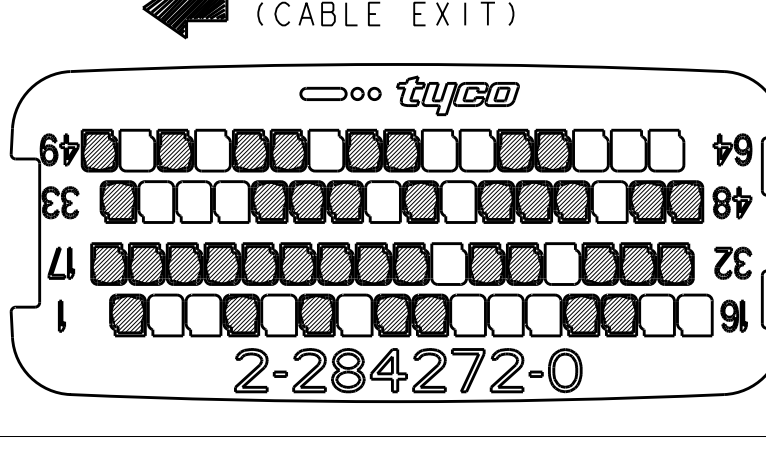


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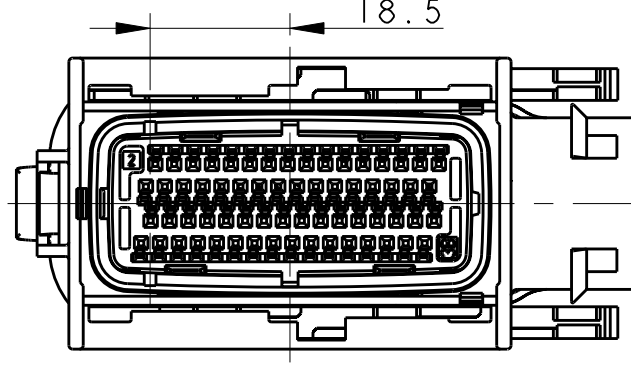
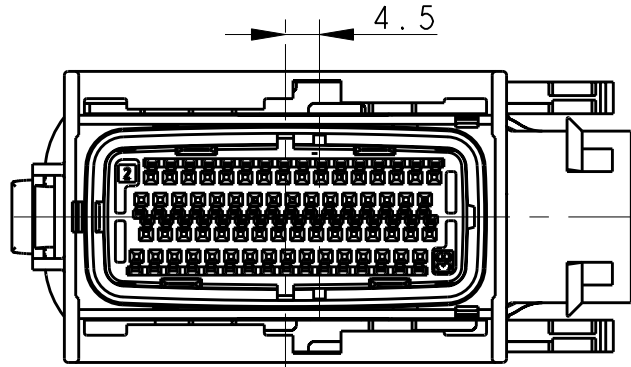
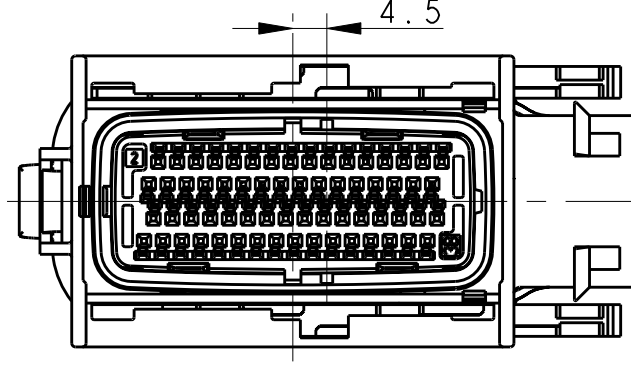
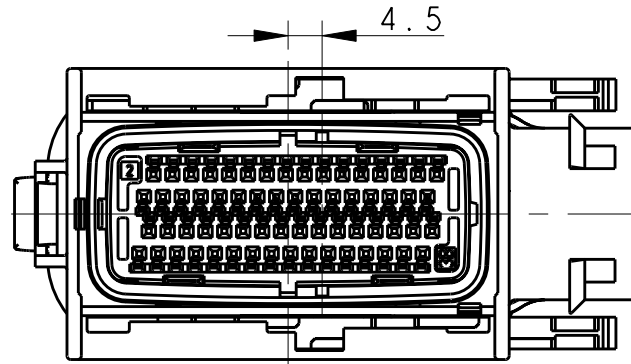
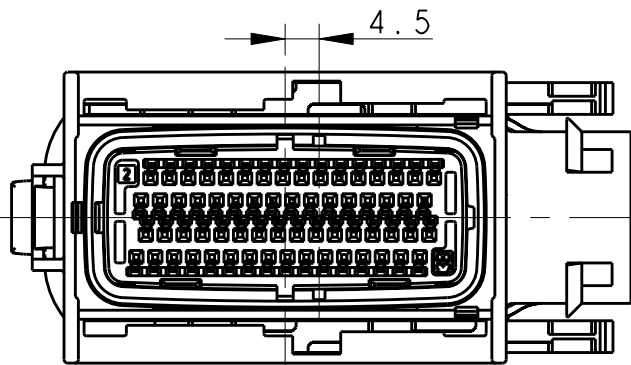
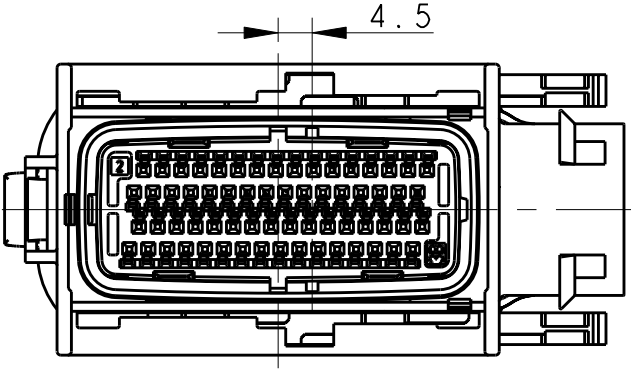
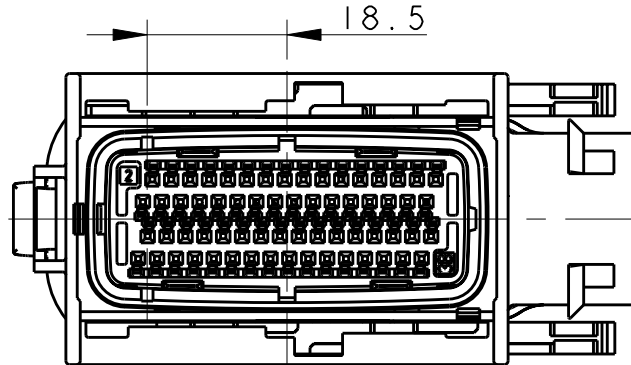
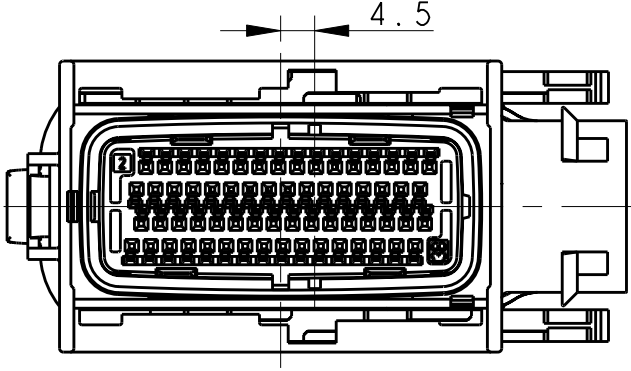
- 1) IL CONNETTORE SI ACCOPPIA CON LE CONTROPARTI:
DISEGNO TE P/N 284331-1/-2 (VERSIONE DORATA)
E 284738-1/-2 (VERSIONE STAGNATA)
(CONNECTOR MATEABLE WITH COUNTERPARTS P/N 284331-1/-2 (GOLD PLATED VERSION)
AND 284738-1/-2 (TIN PLATED VERSION))
- 2) N° 64 CAVITA' PER CONTATTI MOS P/N 968220-5 (PER CAVI
SEZ. 0.35 - 0.5 mm² VERSIONE DORATA), P/N 968220-1 (PER CAVI
SEZ. 0.35 - 0.5 mm² VERSIONE STAGNATA), P/N 968221-5 (PER CAVI
SEZ. 0.75 mm² VERSIONE DORATA) E P/N 968221-1 (PER CAVI SEZ. 0.75 mm²
VERSIONE STAGNATA). TAPPO PER CAVITA' P/N 284583-1
(N°64 CAVITIES SUITABLE FOR MOS CONTACTS P/N 968220-5 (0.35 - 0.5 sqmm wire GOLD PLATED VERSION),
P/N 968220-1 (0.35 - 0.5 sqmm wire TIN PLATED VERSION), P/N 968221-5 (0.75 sqmm wire GOLD PLATED VERSION),
AND P/N 968221-1 (0.75 sqmm wire TIN PLATED VERSION), CAVITY PLUG P/N 284583-1)
- 3) IL CONNETTORE VIENE FORNITO CON LEVA CHIUSA. IL COPERCHIO CAVI
ED IL DISPOSITIVO DI AGGANCIO SECONDARIO VENGONO FORNITI IN KIT
(CONNECTOR IS SUPPLIED WITH CLOSED LEVER. CABLE COVER AND SECONDARY LOCK
ARE SUPPLIED IN KIT, IN THE SAME BOX AND QUANTITY)
- 4) VEDERE FOGLI 2, 3 E 4 PER I DETTAGLI DELLE DIVERSE POLARIZZAZIONI
(SEE SHEETS 2, 3 AND 4 FOR DIFFERENT POLARIZATIONS DETAILS)

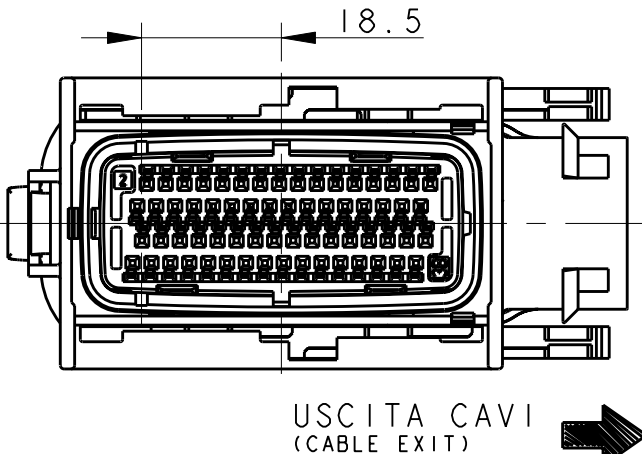
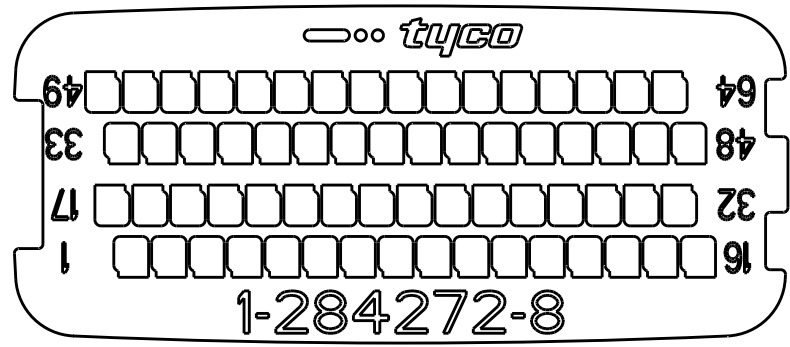
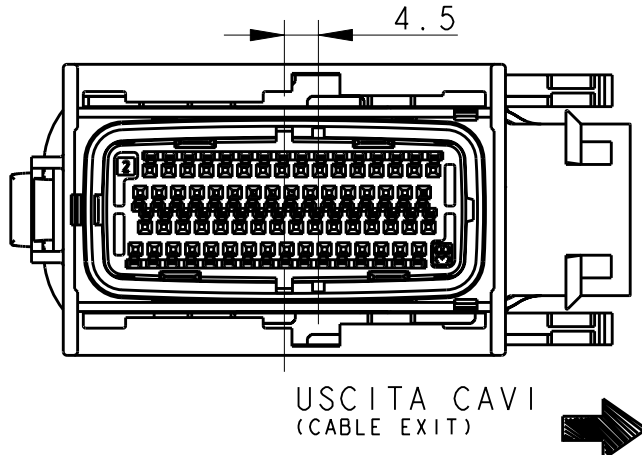
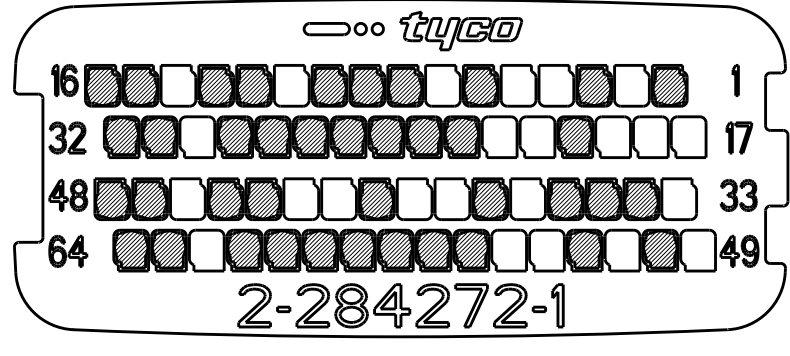
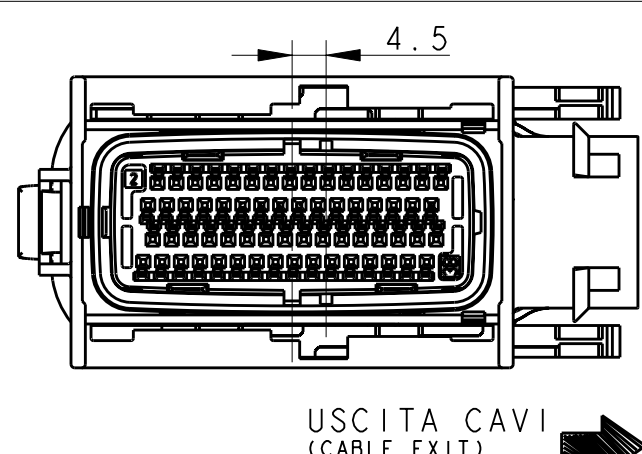
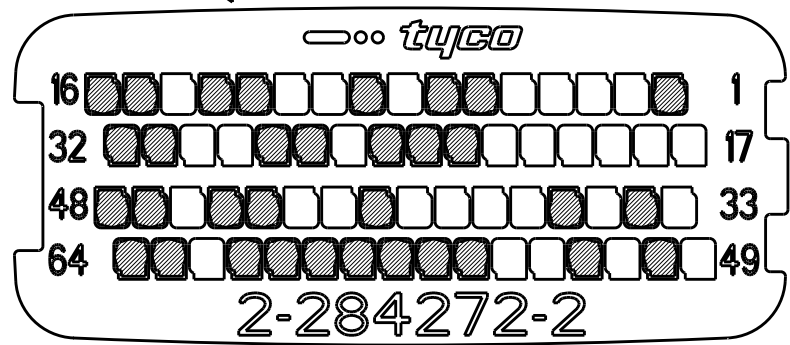
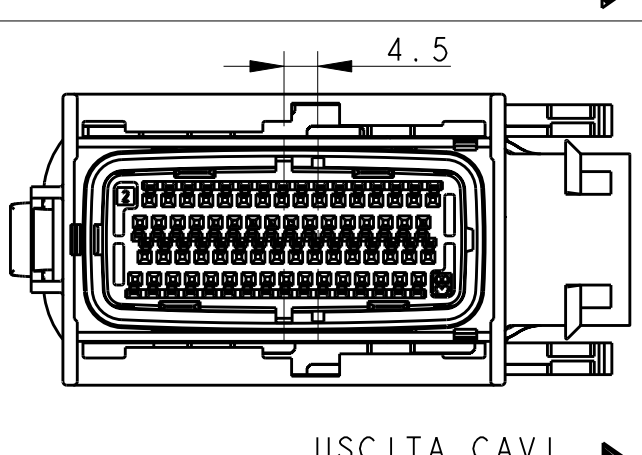
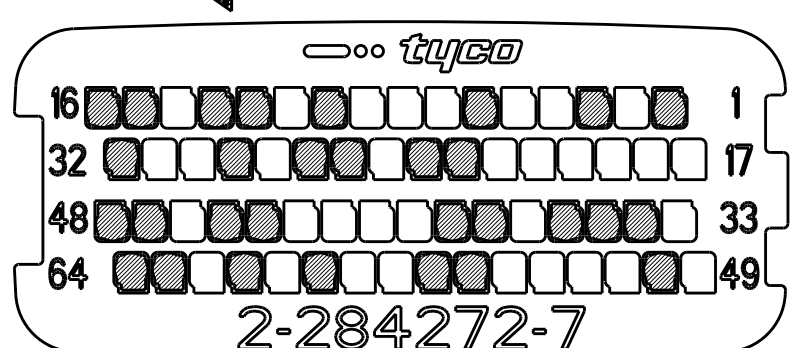
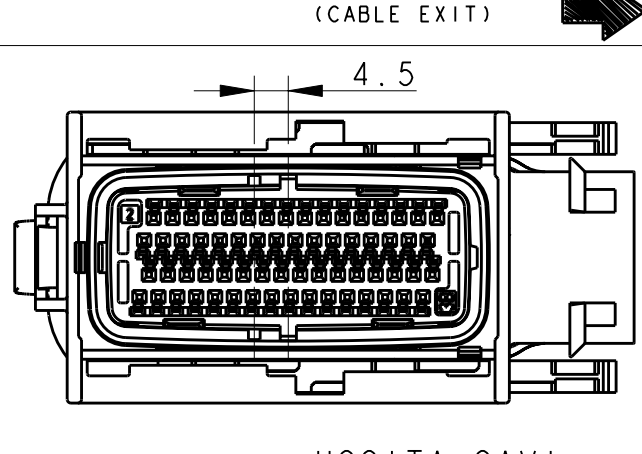
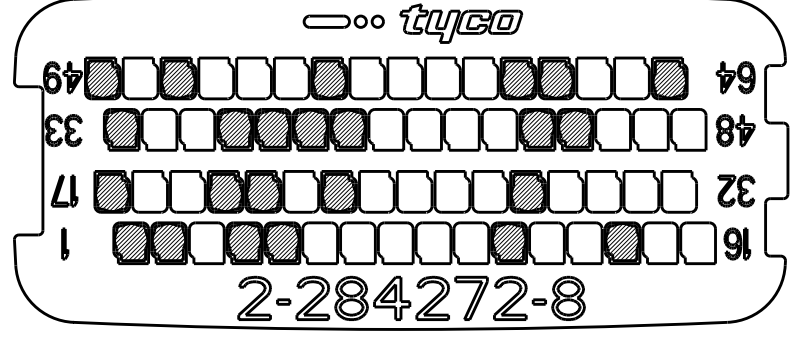
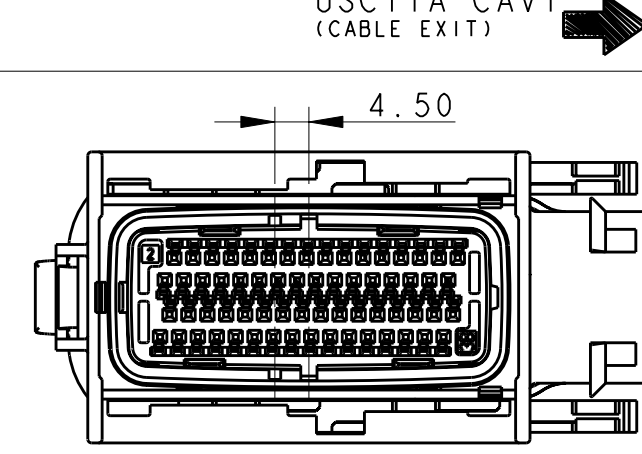
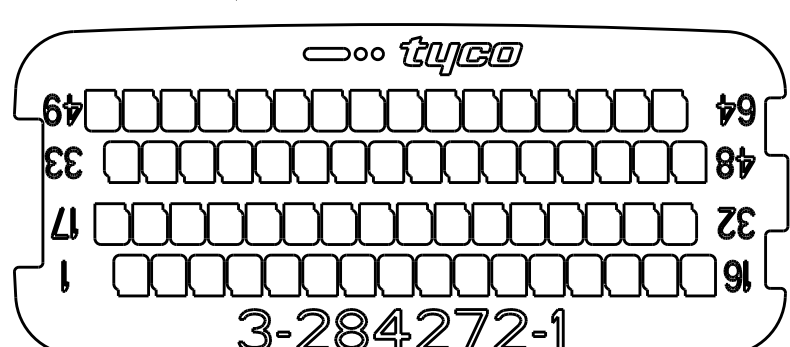
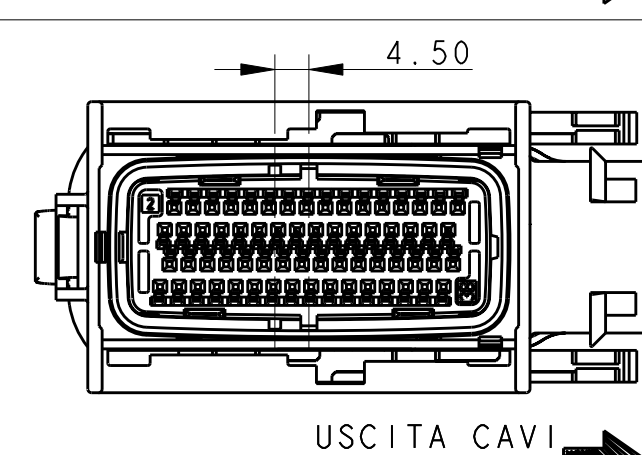
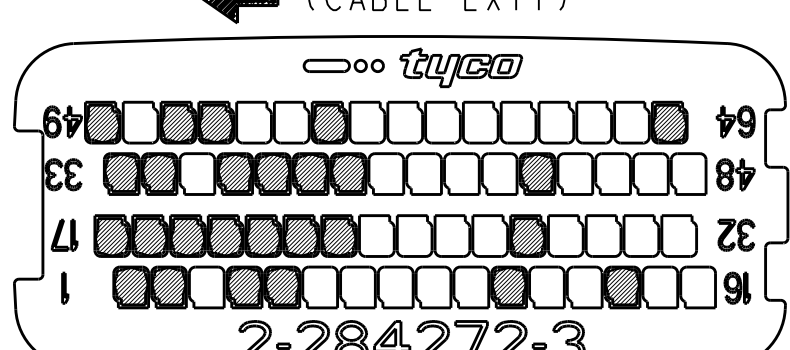
P/N -1 COME MOSTRATO
(P/N -1 AS SHOWN)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN D. BISETTI 30SEP99		Tyco Electronics AMP Italia S.r.l. C.so F.lli Cervi,15 - Collegno (To)	
mm		0 PLC ±0.3 1 PLC ±0.3 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±°		CAY O. CANUTO 30SEP99		Tyco Electronics	
MATERIAL		FINISH		APVD A. GENTA 30SEP99		NAME	
				PRODUCT SPEC		64 POSITIONS FEMALE CONNECTOR	
				APPLICATION SPEC		SIZE	
				411-20061		CAGE CODE	
				WEIGHT		DRAWING NO	
				CUSTOMER DRAWING		A100779C=284272	
						RESTRICTED TO	
						SCALE	
						5:1	
						SHEET	
						1 OF 5	
						REV	
						D6	

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COPYRIGHT 2007 BY TYCO ELECTRONICS CORPORATION. ALL INTERNATIONAL RIGHTS RESERVED. TUTTI I DIRITTI SONO RISERVATI.												DESCRIPTION DESCRIZIONE																																																																																					
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P/N & REVISION	RAPPRESENTAZIONE GRAFICA LATO ACCOPPIAMENTO (GRAPHICAL REPRESENTATION MATING SIDE)	COLORE (COLOUR)	APPLICAZIONE:	COPERTHIO DI POLARIZZAZIONE (POLARIZATION COVER) ● : CAVITA' CHIUSE (CLOSED CAV.) ○ : CAVITA' APERTE (OPENED CAV.)		P/N & REVISION	RAPPRESENTAZIONE GRAFICA LATO ACCOPPIAMENTO (GRAPHICAL REPRESENTATION MATING SIDE)	COLORE (COLOUR)	APPLICAZIONE:	COPERTHIO DI POLARIZZAZIONE (POLARIZATION COVER) ● : CAVITA' CHIUSE (CLOSED CAV.) ○ : CAVITA' APERTE (OPENED CAV.)																																																																																							
284272-1 REV.D		NERO (BLACK)	VERSIONE PER CENTR. MARELLI LATO MOTORE USATO SU VETTURA: 178			2-284272-9 REV.D		BIANCO (WHITE)	VERSIONE PER CENTR. MARELLI LATO MOTORE VERSIONE UNIVERSALE																																																																																								
1-284272-1 REV.D		GRIGIO (GRAY)	VERSIONE PER CENTR. MARELLI LATO VEICOLO USATO SU VETTURA: 178 223 1.6 16v			3-284272-0 REV.D		GIALLIO (YELLOW)	VERSIONE PER CENTR. MARELLI LATO VEICOLO VERSIONE UNIVERSALE																																																																																								
1-284272-0 REV.D		GRIGIO (GRAY)	VERSIONE PER CENTR. MARELLI LATO VEICOLO USATO SU VETTURA: 192 1.6			3-284272-3 REV.D		BIANCO (WHITE)	VERSIONE PER CENTR. MARELLI LATO MOTORE USATO SU VETTURA: 350,199, 223,169 12-14 8V EVO																																																																																								
1-284272-4 REV.D		NERO (BLACK)	VERSIONE PER CENTR. MARELLI LATO MOTORE USATO SU VETTURA: 192 1.6 223 1.6 16v			3-284272-4 REV.D		GIALLIO (YELLOW)	VERSIONE PER CENTR. MARELLI LATO VEICOLO USATO SU VETTURA: 199 12-14 FIRE 8V																																																																																								
1-284272-5 REV.D		NERO (BLACK)	VERSIONE PER CENTR. MARELLI LATO MOTORE VERSIONE UNIVERSALE			3-284272-6 REV.D		GIALLIO (YELLOW)	VERSIONE PER CENTR. MARELLI LATO VEICOLO USATO SU VETTURA: 223, 169 FIRE 8V																																																																																								
1-284272-6 REV.D		GRIGIO (GRAY)	VERSIONE PER CENTR. MARELLI LATO VEICOLO VERSIONE UNIVERSALE			3-284272-7 REV.D		GIALLIO (YELLOW)	VERSIONE PER CENTR. MARELLI LATO VEICOLO USATO SU VETTURA: 14 8v EVO2 843, 848, 350, 169																																																																																								
1-284272-9 REV.D		NERO (BLACK)	VERSIONE PER CENTR. MARELLI LATO MOTORE USATO SU VETTURA: 188 M.Y.-169 1242 8v SELESPEED			4-284272-1 REV.D		BIANCO (WHITE)	VERSIONE PER CENTR. MARELLI LATO MOTORE USATO SU VETTURA: 199 14 8V CNG																																																																																								
2-284272-0 REV.D		GRIGIO (GRAY)	VERSIONE PER CENTR. MARELLI LATO VEICOLO USATO SU VETTURA: 188 M.Y.-169 1242 8v SELESPEED																																																																																														
<table><tr><td colspan="4">TUTTI I DIRITTI SONO RISERVATI. QUESTO DISEGNO E' UN DOCUMENTO DI PROPRIETA' E RESPONSABILITA' DELL'AMP INCORPORATED. E' SOTTOPOSTO A MODIFICAZIONI. PER ULTERIORI INFORMAZIONI, CONTATTARE L'UFFICIO TECNICO RESPONSABILE.</td><td colspan="4">DWN/DIS. 30SEP99 O. BISETTI CIVIL/CONT. 30SEP99 O. CANUTO APV/DAPP 30SEP99</td><td colspan="4">Tyco Electronics AMP Italia S.r.l. C.so F.lli Cervi,15 - Collegno (To)</td><td colspan="4">64 POSITIONS FEMALE CONNECTOR</td></tr><tr><td colspan="4">DIMENSIONI: mm</td><td colspan="4">TOLERANCE, UNLESS OTHERWISE SPECIFIED: 1 PL/C DEC: ±0.3 2 PL/C DEC: ±0.2 3 PL/C DEC: ± 4 PL/C DEC: ± ANGLES / ANGOLI 1 ±°</td><td colspan="4">NAME NONE</td><td colspan="4">SIZE A100779</td></tr><tr><td colspan="4">MATERIAL MATERIALE</td><td colspan="4">FINISH FINITURA</td><td colspan="4">CUSTOMER DRAWING</td><td colspan="4">DISEGNO PER CLIENTE SOLO PER RIFERIMENTO</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">SCALE SCALA 1:1</td><td colspan="4">SHEET FOGLIO 2 OF 5</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">REV D6</td><td colspan="4"></td></tr></table>																TUTTI I DIRITTI SONO RISERVATI. QUESTO DISEGNO E' UN DOCUMENTO DI PROPRIETA' E RESPONSABILITA' DELL'AMP INCORPORATED. E' SOTTOPOSTO A MODIFICAZIONI. PER ULTERIORI INFORMAZIONI, CONTATTARE L'UFFICIO TECNICO RESPONSABILE.				DWN/DIS. 30SEP99 O. BISETTI CIVIL/CONT. 30SEP99 O. CANUTO APV/DAPP 30SEP99				Tyco Electronics AMP Italia S.r.l. C.so F.lli Cervi,15 - Collegno (To)				64 POSITIONS FEMALE CONNECTOR				DIMENSIONI: mm				TOLERANCE, UNLESS OTHERWISE SPECIFIED: 1 PL/C DEC: ±0.3 2 PL/C DEC: ±0.2 3 PL/C DEC: ± 4 PL/C DEC: ± ANGLES / ANGOLI 1 ±°				NAME NONE				SIZE A100779				MATERIAL MATERIALE				FINISH FINITURA				CUSTOMER DRAWING				DISEGNO PER CLIENTE SOLO PER RIFERIMENTO												SCALE SCALA 1:1				SHEET FOGLIO 2 OF 5												REV D6									
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VERSIONI PER CENTRALINA BOSCH

P/N & REVISION	RAPPRESENTAZIONE GRAFICA LATO ACCOPPIAMENTO (GRAPHICAL REPRESENTATION MATING SIDE)	COLORE (COLOUR)	APPLICAZIONE	COPERTURA DI POLARIZZAZIONE (POLARIZATION COVER)
1-284272-2 REV. D BOSCH CODING VERSION: I 928 403 513	 USCITA CAVI (CABLE EXIT) →	VERDE (GREEN)	VERSIONE PER CENTR. BOSCH LATO MOTORE USATO SU VETTURE: 188 1.2 16v 840	← USCITA CAVI (CABLE EXIT) tyco 64 32 16 1 1-284272-2
284272-2 REV. D BOSCH CODING VERSION: I 928 403 386	 USCITA CAVI (CABLE EXIT) →	BLU (BLUE)	VERSIONE PER CENTR. BOSCH LATO VEICOLO USATO SU VETTURA: 188 1.2 16v AIR CONDITIONING MANUAL GEAR	← USCITA CAVI (CABLE EXIT) tyco 16 32 48 64 1 17 33 49
284272-3 REV. D BOSCH CODING VERSION: I 928 403 386	 USCITA CAVI (CABLE EXIT) →	BLU (BLUE)	VERSIONE PER CENTR. BOSCH LATO VEICOLO USATO SU VETTURA: 188 1.2 16v HEATED VERSION MANUAL GEAR	← USCITA CAVI (CABLE EXIT) tyco 16 32 48 64 1 17 33 49
284272-4 REV. D BOSCH CODING VERSION: I 928 403 386	 USCITA CAVI (CABLE EXIT) →	BLU (BLUE)	VERSIONE PER CENTR. BOSCH LATO VEICOLO USATO SU VETTURA: 188 1.2 16v AIR CONDITIONING AUTOMATIC GEAR	← USCITA CAVI (CABLE EXIT) tyco 16 32 48 64 1 17 33 49
284272-7 REV. D BOSCH CODING VERSION: I 928 403 386	 USCITA CAVI (CABLE EXIT) →	BLU (BLUE)	VERSIONE PER CENTR. BOSCH LATO VEICOLO USATO SU VETTURA: 840	← USCITA CAVI (CABLE EXIT) tyco 16 32 48 64 1 17 33 49
284272-9 REV. D BOSCH CODING VERSION: I 928 403 386	 USCITA CAVI (CABLE EXIT) →	BLU (BLUE)	VERSIONE PER CENTR. BOSCH LATO VEICOLO USATO SU VETTURA: 192 1.2	← USCITA CAVI (CABLE EXIT) tyco 16 32 48 64 1 17 33 49
1-284272-3 REV. D BOSCH CODING VERSION: I 928 403 513	 USCITA CAVI (CABLE EXIT) →	VERDE (GREEN)	VERSIONE PER CENTR. BOSCH LATO MOTORE USATO SU VETTURA: 192 1.2	← USCITA CAVI (CABLE EXIT) tyco 64 32 16 1 1-284272-3
1-284272-7 REV. D BOSCH CODING VERSION: I 928 403 386	 USCITA CAVI (CABLE EXIT) →	BLU (BLUE)	VERSIONE PER CENTR. BOSCH LATO VEICOLO VERSIONE UNIVERSALE	← USCITA CAVI (CABLE EXIT) tyco 16 32 48 64 1 17 33 49

P/N & REVISION	RAPPRESENTAZIONE GRAFICA LATO ACCOPPIAMENTO (GRAPHICAL REPRESENTATION MATING SIDE)	COLORE (COLOUR)	APPLICAZIONE	COPERCHIO DI POLARIZZAZIONE (POLARIZATION COVER)
1-284272-8 REV. D BOSCH CODING VERSION: I 928 403 513	 USCITA CAVI (CABLE EXIT) →	VERDE (GREEN)	VERSIONE PER CENTR.BOSCH LATO MOTORE VERSIONE UNIVERSALE	← USCITA CAVI (CABLE EXIT)  1-284272-8
2-284272-1 REV. D BOSCH CODING VERSION: I 928 403 386	 USCITA CAVI (CABLE EXIT) →	BLU (BLUE)	VERSIONE PER CENTR.BOSCH LATO VEICOLO USATO SU VETTURA: 188 M.Y. 1.2 16v MANUAL GEAR AIR CONDITIONING	← USCITA CAVI (CABLE EXIT)  2-284272-1
2-284272-2 REV. D BOSCH CODING VERSION: I 928 403 386	 USCITA CAVI (CABLE EXIT) →	BLU (BLUE)	VERSIONE PER CENTR.BOSCH LATO VEICOLO USATO SU VETTURA: 188 M.Y. 1.2 16v AUTOMATIC GEAR AIR CONDITIONING	← USCITA CAVI (CABLE EXIT)  2-284272-2
2-284272-7 REV. D BOSCH CODING VERSION: I 928 403 386	 USCITA CAVI (CABLE EXIT) →	BLU (BLUE)	VERSIONE PER CENTR.BOSCH LATO VEICOLO USATO SU VETTURA: 843 1.2/1.4 16v	← USCITA CAVI (CABLE EXIT)  2-284272-7
2-284272-8 REV. D BOSCH CODING VERSION: I 928 403 514	 USCITA CAVI (CABLE EXIT) →	MARRONE (BROWN)	VERSIONE PER CENTR.BOSCH LATO VEICOLO USATO SU VETTURA: Alfa 156 Twin spark 1.6 1.8 2.0	← USCITA CAVI (CABLE EXIT)  2-284272-8
3-284272-1 REV. D BOSCH CODING VERSION: I 928 403 514	 USCITA CAVI (CABLE EXIT) →	MARRONE (BROWN)	VERSIONE PER CENTR.BOSCH LATO VEICOLO VERSIONE UNIVERSALE	← USCITA CAVI (CABLE EXIT)  3-284272-1
2-284272-3 REV. D BOSCH CODING VERSION: I 928 403 514	 USCITA CAVI (CABLE EXIT) →	MARRONE (BROWN)	VERSIONE PER CENTR.BOSCH LATO VEICOLO USATO SU VETTURA: Alfa 147 Twin spark 1.6 2.0	← USCITA CAVI (CABLE EXIT)  2-284272-3

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO THE PROVISIONS OF THE APPLICABLE PATENTING OR REGISTRATION LAWS AND CAN BE USED ONLY BY THE PERSONNEL OF THE ORGANISATION WHICH IT WAS ISSUED FROM. ANY UNAUTHORIZED REPRODUCTION SHOULD BE CONTACTED WITH THE LATEST VERSION.						DWG	30SEP99			
						CHECKED	D. BISETTI			
						APPROVED	A. CANUTO	30SEP99	Tyco Electronics	
							A. GENTA	30SEP99	C.so F.lli Cervi,15 - Collegno (TO)	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:				NAME		64 POSITIONS FEMALE CONNECTOR		
mm						PRODUCT SPEC		-		
		0 PLC ±0.3				108-20205				
		1 PLC ±0.3				APPLICATION SPEC				
		2 PLC ±0.2				411-20061				
		3 PLC ±*				WEIGHT		-		
		4 PLC ±*				SIZE		A1		
		ANGLES ±°				CAGE CODE		00779		
MATERIAL	FINISH					DRAWING NO		C=284272		
-	-					RESTRICTED TO		-		
CUSTOMER DRAWING						SCALE		5:1		
						SHEET		4 OF 5		
						REV		D6		

