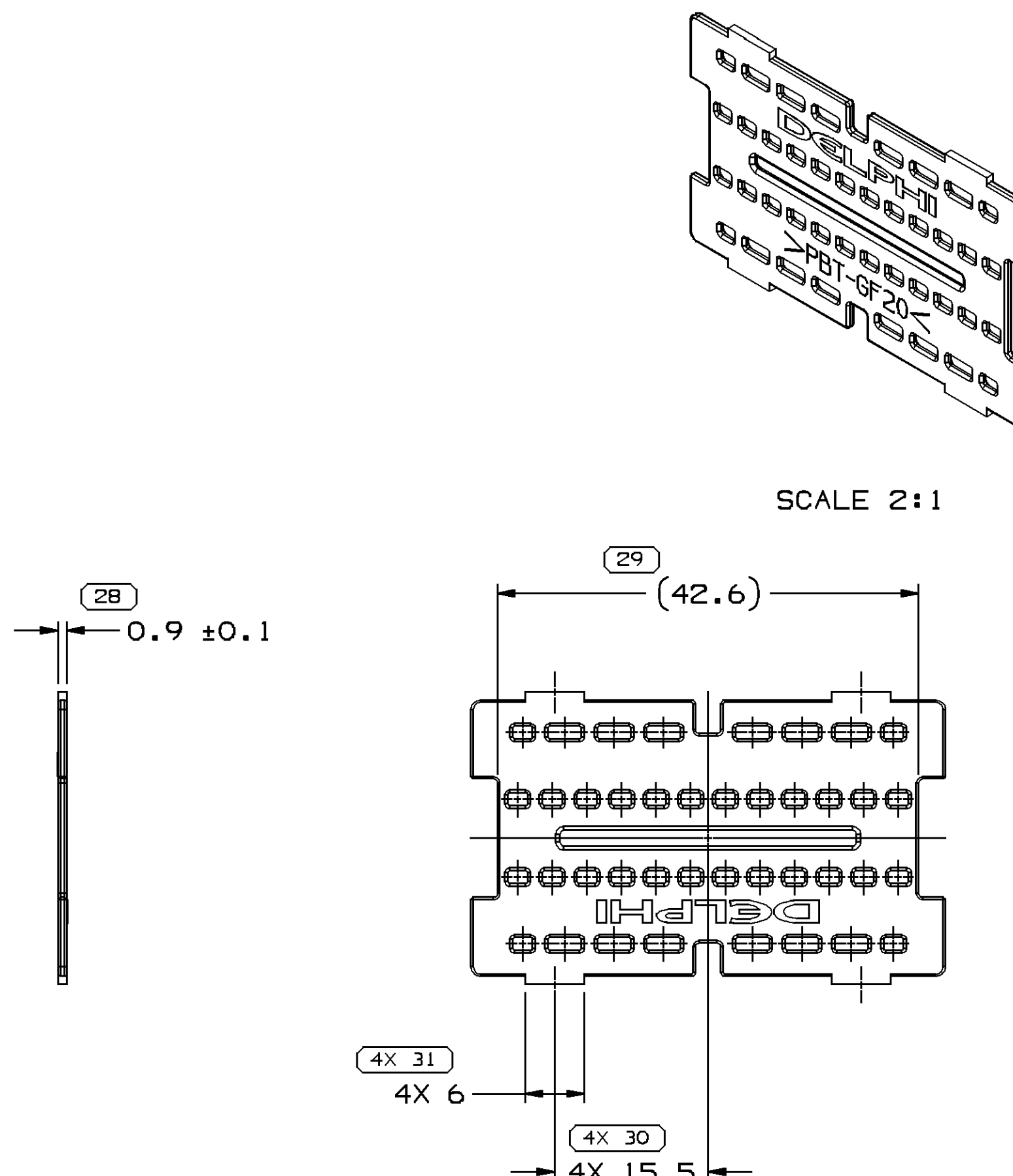


MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

Technical drawing of a Delphi PBT-GF20 connector. The drawing shows a top view of the connector with dimensions in millimeters. The connector is rectangular with a central horizontal slot. Dimensions include overall width (48 ±0.4), overall height (29.6 ±0.1), and various pin dimensions. The brand name 'DELPHI' and material 'PBT-GF20' are visible on the connector body.

Key dimensions and features:

- Overall width: 48 ±0.4
- Overall height: 29.6 ±0.1
- Pin dimensions (top row): 2X 25, 2X 14.5, 2X 24, 2X 9.5, 2X 23, 2X 4.5
- Pin dimensions (bottom row): 2X 13, 2X 1.75, 2X 16, 2X 5.25, 2X 14, 2X 8.75, 2X 15, 2X 12.25, 2X 18, 2X 15.75, 2X 17, 2X 19.25
- Pin dimensions (right side): 2X 4, 2X 3, 2X 2, 2X 14.5, 2X 9.5, 2X 4.5, 2X 5, 2X 7, 2X 8, 2X 5.25, 2X 8.75, 2X 10, 2X 11, 2X 12
- Pin dimensions (left side): 8X 21, 8X 11.35, 8X 20, 8X 11.35, 12X 22, 12X 4.6, 12X 19, 12X 4.6
- Pin dimensions (center): 2X 26, 2X 18.75, 2X 1, 2X 18.75
- Pin dimensions (bottom center): 2X 13, 2X 1.75, 2X 16, 2X 5.25, 2X 14, 2X 8.75, 2X 15, 2X 12.25, 2X 18, 2X 15.75, 2X 17, 2X 19.25
- Pin dimensions (right center): 2X 7, 2X 1.75, 2X 8, 2X 5.25, 2X 9, 2X 8.75, 2X 10, 2X 11, 2X 12
- Pin dimensions (left center): 8X 21, 8X 11.35, 8X 20, 8X 11.35, 12X 22, 12X 4.6, 12X 19, 12X 4.6
- Pin dimensions (bottom left): 2X 13, 2X 1.75, 2X 16, 2X 5.25, 2X 14, 2X 8.75, 2X 15, 2X 12.25, 2X 18, 2X 15.75, 2X 17, 2X 19.25
- Pin dimensions (bottom right): 2X 7, 2X 1.75, 2X 8, 2X 5.25, 2X 9, 2X 8.75, 2X 10, 2X 11, 2X 12



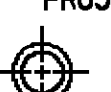
CONNECTOR 15489502
SPACER 15489505

5

PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN { INDICATE
 REFERENCE DIMENSIONS AND NO TOLERANCE
 LIMITS ARE ESTABLISHED

DIMENSIONAL RANGE (MM)										CHART	E1
FROM	TO	> 0	> 0	> 0	> 0	> 100	> 150	> 200	> 250	> 300	
		20	30	40	50	100	150	200	250	300	400
TOLERANCE UNLESS OTHERWISE SPECIFIED											
		±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2	
ANGULAR TOLERANCE ±2°											

DWG TYPE		PART DRAWING	
STYLE			
VOLUME (QTY)	DISTR CODE		
0,963		D	
UNLESS OTHERWISE SPECIFIED			
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE 2010 GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM - 1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1 (PERFECT FORM AT MMC) DOES NOT APPLY. WHEN RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES, SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY, REGARDLESS OF DATUM REFERENCE.			
ALL DIMENSIONS ARE IN MILLIMETERS			
N	REFERENCE		
1	THIRD ANGLE PROJECTION	DO NOT SCALE	
2		USE MATH DATA	

DELPHI										
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE WARREN, OH										
								DATE		
DR		E. NEAL DUNHAM						01MR04		
APVD1		E. NEAL DUNHAM						01MR04		
APVD2		E. NEAL DUNHAM						01MR04		
APVD3		ANTHONY CORSO						01MR04		
APVD4										
APVD5										
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001										
MATERIAL POLYESTER COMPOUND NATURAL										
DRAWING NAME										
MOUN SPACER										
DRAWING NUMBER										
15489504										
SIZE		SCALE		FRAME NO		SHEET NO		STG	REV	N/P
A1		2:1		1 OF 1		1 OF 1		R	02	-