

OPTIONAL CONSTRUCTION

2X R 0.8 DRAFT

1° DRAFT

28.5 $\pm$ 0.15

32.5 $\begin{smallmatrix} +0.2 \\ -0.3 \end{smallmatrix}$

0° 30' DRAFT

SECTION C-C

SECTION B-B

2X 20° TYP

2X R 1.5 ±0.3 TYP

1

2X 11.5 TYP

19.7

B-7 ±0.05

B ±0.2

10°

4.2

7

28.5 ±0.15

1.5 CONSTANT

32.5 +0.2 -0.3

25°

3.9

7.4

12

2.5

SEALING SURFACE MUST BE FREE OF DEFECTS.

DUE TO MULTIPLE PART CONSTRUCTION, 3.9±0.5 IS ACCEPTABLE, WHEN MATING PART IS ENGAGED, BLADES MUST REALIGN TO WITHIN ORIGINAL 3.9±0.15 SPECIFICATION.

10.35 $\pm$ 0.5

4X R 3.7

2X R 0.5

6.8 $\pm$ 0.5

8.4 $\pm$ 0.5

7.9 $\pm$ 0.5

8.35 $\pm$ 0.5

17.9 $\pm$ 0.5

4X R 2

2X R 0.4

2X 0.8

9

2X 1.85

AXIS OF SYMMETRY

NOTES

1. MATERIAL: NYLON TYPE 6 BLK

RECOMMENDED BLADE MATERIAL - MALE BLADE MATERIAL SHOULD HAVE AN ELECTRICAL CONDUCTIVITY $\geq 20\%$ IACS AT 68°F . USE OF A MATERIAL WITH CONDUCTIVITY $< 20\%$ IACS SHOULD BE APPROVED BY PACKARD ELECTRIC.

MATING BLADE INFORMATION
SCALE 5:1

Technical drawing showing the front view of the device. Key dimensions and features include:

- Overall width: 34.75 (+0.15 / -0.2)
- Internal width: 28.1 ±0.15
- Mounting hole diameter: 4X Ø 6
- Mounting hole offset from side: 4X 1.5
- Top edge distance: 16.8
- Distance between top holes: 8.4
- Right side distance: 17.9 (+0.15 / -0.2)
- Bottom right corner radius: R 2.4
- Section line A-A
- Other dimensions: 8.35, 7.9, 4

Technical drawing of a cross-section of a mechanical part. The drawing shows a cylindrical component with a central hole. The dimensions are as follows:

- Top left: 4X 16 (hole diameter), 4X R 1.2 TYP (fillet radius)
- Top right: 4X 14 (hole diameter), 4X 1.5 TYP (fillet radius)
- Bottom left: 4X 15 (hole diameter), 4X 3.9 TYP (fillet radius)

DRAWING NUMBER							
12065665							
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P	
A1x3	2:1	2 OF 2	1 OF 1	R	07	-	

3646876	01	-	-	102	12065662	15409460	13646875 (4 WAY-ORN)	SEE NOTE B	7.	
3596973	02	AA	-	104	12065662	15409460	13596972 (5 WAY-BLU)	SEE NOTE B		
5326224	A	-	-	101	12065662	12065663	15326183 (5 WAY-TAN)	-		
2186644	A	-	-	10	12065662	12065663	12186643 (5 WAY-PNK)	-		
1212413	D	-	-	101	12065662	12065663	12191130 (5 WAY-PPL)	-		
1212413	D	-	-	101	12065662	12065663	12124142 (5 WAY-LT ORN)	-		
2092605	D	-	-	103	12065662	12065663	12092604 (5 WAY-ORN)	-		
2084616	C	-	OBSOLETE	102	12065662	12065663	12084615 (4 WAY-BLU)	-		
201999	D	01	-	102	12065662	12065663	12077994 (5 WAY-BRT RED)	-		
2077951	D	-	-	101	12065662	12065663	12084103 (4 WAY-WHT)	-		
2066035	D	-	-	101	12065662	12065663	12066030 (5 WAY-YEL)	-	8.	
2066034	D	-	-	102	12065662	12065663	12066029 (4 WAY-PPL)	-		
2066033	D	-	-	102	12065662	12065663	12066028 (4 WAY-TAN)	-		
2066032	C	-	OBSOLETE	102	12065662	12065663	12066027 (4 WAY-ORN)	-		
2066031	C	-	OBSOLETE	102	12065662	12065663	12066026 (4 WAY-BLU)	-		
2065971	D	-	-	102	12065662	12065663	12065970 (4 WAY-RED)	-		
2065586	06	AA	-	102	12065662	15409460	15383475 (4 WAY-BLU)	SEE NOTE B		
2065585	05	AA	-	101	12065662	15409460	12065683 (5 WAY-GRN)	SEE NOTE B		
ART NO	REV	N/P	STATUS	TYPE	CONN BODY	CONN SEAL	CABLE SEAL	SPECIAL NOTES		

AN INSPECTION REPORT SYMBOL E INSPECTION. IT MAY BE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	42
	LAST NO. USED	28

SYMBOLS	DWG STATUS			
	DATE	STG	REV	N/P
	05JL02	R	02	-
	1EAL02	R	02	

CHG	ZONE	REVISION HISTORY	AUTH	DR	APD	DATE
-		12045685 REV. 12045685, 86 - REMOVED ADHESIVE AND CONN SEAL	220557	RH	RH	JR
-		12045685, 86 - ADDED NOTE 8, REMOVED LABEL AND REVISED CHART	228565	060	RCH	JR
-		13596973 - RELEASED	283217	AMG	AMG	JOS
-		13596973 - REVISED GRAPHICS	286509	JTV	AUG	JOS
-		13596973 - CONN SEAL WAS 12065663	400071	MDH	JAA	JOS
-		13646876 - RELEASED	401297	PCP	PCP	SAN

- SE SPECIFIED AND/OR INDICATED:
- RE TO FACE OF VIEW SHOWN AND
Y ROUNDED BY COMPUTER FOR INSPECTION
MODEL FOR PRECISE DIMENSIONS), FOR ALL
SIONS NOT SHOWN BUT REQUIRED FOR TOOL
MATH MODEL FOR PRECISE TOOL PATH DATA.
ABOUT CENTERLINE.
- DESIGN WILL PASS SALT FOG TEST AFTER
CONDITIONING AS SPECIFIED IN ESA-644
(WEATHER-PACK), ESA-710 (METRIC-PACK),
ESA-650 (UNDERHOOD MICRO-PACK), C-4006
(WORLD CONNECTOR). DESIGN MATED TO
MATING PART OR EQUIVALENT.
- SHOWN.
- CEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
- TO ACCEPT 12033997 TERMINAL
POSITION ASSURANCE LOCK 12052834
- TH CALCULATIONS, DISTANCE FROM MATING END
TO FRONT OF CABLE CORE IS 15.05/11.65
- SHIPPED, THEY MUST BE PACKED IN PLASTIC
CONTAINERS MUST BE LINED WITH PLASTIC
OR LINERS MUST BE SEALED TO AVOID ENTRY OF
AIR.
- | | |
|---|-----|
| 1 | 30 |
| 2 | 65 |
| 3 | B7A |
| 4 | B7 |
| 5 | B6 |
- | | |
|----------------------|------------------|
| CONN CAVITY INDEX NO | RELAY CIRCUIT NO |
|----------------------|------------------|
- OIL ALLOWED TO BE ADDED TO AID IN THE
THE SEAL TO THE CONNECTOR.

	30
	85
	87A
	87
	86
0	RELAY CIRCUIT NO

19	PROCESS SENSITIVE DIMENSION	ALL DIMENSIONS ARE IN MILLIMETERS	REFERENCE																										
DIMENSIONS ENCLOSED IN () INDICATE PREFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED																													
<table border="1"> <thead> <tr> <th colspan="5">CHART E1</th> </tr> <tr> <th>>100</th> <th>>150</th> <th>>200</th> <th>>250</th> <th>>300</th> </tr> </thead> <tbody> <tr> <td>±.050</td> <td>±.020</td> <td>±.010</td> <td>±.005</td> <td>±.003</td> </tr> <tr> <td>OTHERWISE SPECIFIED</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>±.05, ±.04, ±.03</td> <td>±.02</td> <td>±.01</td> <td>±.005</td> <td>±.003</td> </tr> </tbody> </table>		CHART E1					>100	>150	>200	>250	>300	±.050	±.020	±.010	±.005	±.003	OTHERWISE SPECIFIED					±.05, ±.04, ±.03	±.02	±.01	±.005	±.003			
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TOLERANCE 30°			THIRD ANGLE PROJECTION	USE																									

NO NOT SCALE  SEE MATH DATA	DRAWING NUMBER 12065665								A
	SIZE A1 x 3	SCALE 2:1	FRAME NO 1 OF 2	SHEET NO 1 OF 1	STD R	REV 07	N/P		

DELPHI	
DELPHI PACKING ELECTRICAL/ELECTRONIC ARCHITECTURE KATYEN, OH	
DATE	
BY	
APPROV G.S. FERANCE 01MVB6	
APPROV K. GROZINA 03MB6	
APPROV A. WEINARD 05MB6	
APPROV	
SUBS'ANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI (FORMED)	
MULTIPLE SEE DRAWING	
DRAWING TITLE	
TAXI ASM CONN F/M P 630 SLD	