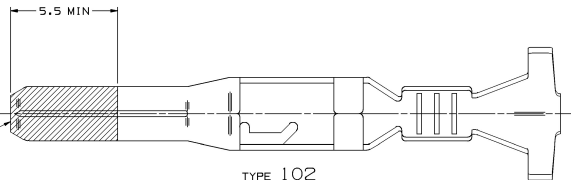
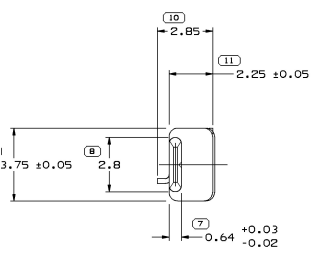


21 GOLD AND PALLADIUM PLATING MUST EXTEND A MINIMUM OF 5.5 MM FROM TIP OF TERMINAL.

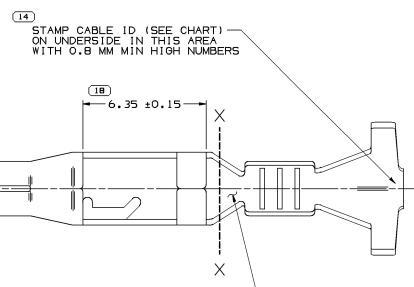


TYPE 102  
SAME AS TYPE 101  
EXCEPT AS SHOWN

30 GOLD AND PALLADIUM PLATING MUST EXTEND TO THE TIP OF THE TERMINAL. NO EXPOSED NICKEL OR BASE METAL PERMITTED ON TIP OF TERMINAL.



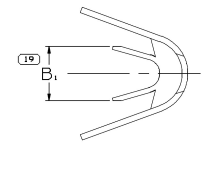
VIEW TO X-X



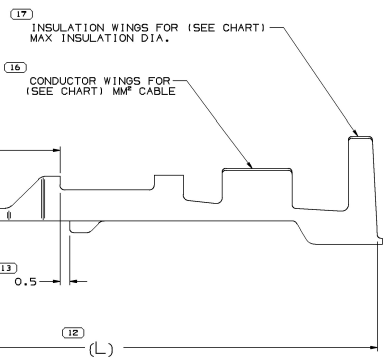
TYPE 101

14 STAMP CABLE ID (SEE CHART) ON UNDERSIDE IN THIS AREA WITH 0.8 MM MIN HIGH NUMBERS

18 STAMP DIE I.D. "PXX" IN THIS AREA (0-6) CHARACTERS XX DESIGNATES DIE NUMBER. LOCATION IS APPROXIMATE.



VIEW TO X-X



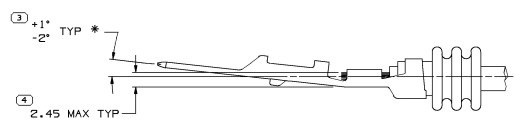
(L)

17 INSULATION WINGS FOR (SEE CHART) MAX INSULATION DIA.

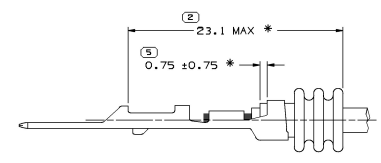
16 CONDUCTOR WINGS FOR (SEE CHART) MM CABLE

| SYMBOL DEFINITION  |                                  | MISSING SYMBOLS          |      |
|--|----------------------------------|--------------------------|------|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. | TOTAL NO OF INSPECTIONS REQUIRED | NO MISSING SYMBOL NUMBER | ZONE |
|  | 22                               |                          |      |
|  | LAST NO. USED                    | 22                       |      |

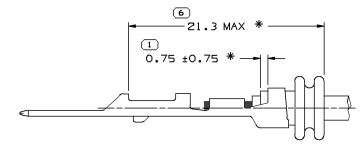
| DATE    | STS | REV | IN/P | CHR | ZONE | REVISION HISTORY  | AUT |
|---------|-----|-----|------|-----|------|---|-----|
| 30JUL02 | R   | 04  | -    | -   |      | CLEARED REV COLUMN. ALL PARTS - UPDATED PDM ATTRIBUTES  | 226 |
| 04DEC04 | R   | 05  | -    | -   |      | ALL PARTS - ADDED STAMP DIE I.D.  | 259 |
| 22SEP08 | R   | 06  | -    | -   |      | 13722257 & 13722269 - RELEASED  | 406 |
| 16OCT08 | R   | 07  | -    | -   |      | 13737694 - RELEASED<br>13722257 & 13722269 - MAT'L SPEC WAS MIS-300MB 042500 EX. NO                                 | 406 |
| 27OCT08 | R   | 08  | -    | -   |      | 15304730-32 & 15336262 - UPDATED MATERIAL CALLOUT   | 406 |
| 26FEB09 | R   | 09  | -    | -   |      | 13737694 - MOVED TO DRAWING 15304721 SHIT 1   | 407 |
| 18MR10  | R   | 10  | -    | -   |      | ALL PARTS - UPDATED PDM ATTRIBUTES  | 410 |
| 13JUL10 | R   | 11  | -    | -   |      | 13808750 - RELEASED   | 411 |
| 04AUG10 | R   | 12  | -    | -   |      | ALL PARTS - UPDATED MAT'L DESC; ADDED "CONTACT TYPE" COLUMN, "CRIMP TYPE" COLUMN & "PLATING TYPE" NOTE              | 411 |
| 27AUG10 | R   | 13  | -    | -   |      | 13839334 & 13839335 - RELEASED  | 411 |
| 06OCT10 | R   | 14  | -    | -   |      | ALL PARTS - UPDATED "PLATING TYPE" NOTE   | 412 |
| 06MR12  | R   | 15  | -    | -   |      | ALL PARTS - ADDED PREFERRED MAT'L SIZE AND UPDATED MATERIAL CALLOUT   | 417 |
| 15OCT14 | R   | 16  | -    | -   |      | 13722257 & 13722269 - REVISED NOTE 111 ABOUT "TARNISH INFO" IN PLATING TYPE NOTE AND 13839334 & 13839335 - OBSOLETE | 427 |



TERMINAL, SEAL AND CABLE ALIGNMENT  
SCALE 5:1



THREE RIB SEAL POSITION REF  
SCALE 5:1



TWO RIB SEAL POSITION REF  
SCALE 5:1

NOTES

- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
  - DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS), FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
- REFERENCE MATING COMPONENTS OR EQUIVALENT:
  - TERMINAL 15304718
- \* DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE.
- PLATING TYPE:
  - REFLOW TIN 1.9 - 3.3 MICROMETERS THICK WITH A COPPER UNDERPLATE 0.5 MICROMETER TO 1.0 MICROMETER THICK.
  - MATE TIN ELECTROPLATE 1.9 - 7.0 MICROMETERS THICK WITH A NICKEL UNDERPLATE 0.13 - 0.25 MICROMETERS THICK.
  - SILVER 3.5 - 6.0 MICROMETERS THICK OVER 0.13 - 0.25 MICROMETERS THICK NICKEL UNDERPLATE.
  - FOR TERMINALS PACKAGED & STORED IN THE APPROVED MANNER, TARNISH ON SILVER PLATED SURFACES WILL NOT AFFECT THE PERFORMANCE OF THE PART.
  - GOLD FLASH 0.1 MICROMETERS THICK OVER 1.0 MICROMETER PALLADIUM AND NICKEL UNDERPLATE 0.37 - 0.62 MICROMETERS THICK.
  - MATE TIN ELECTROPLATE 1.9 - 7.0 MICROMETERS THICK.

PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION.

| PART NO  | REV | N/P | STATUS | PREFERRED MAT'L SIZE | ALTERNATIVE MAT'L SIZE | MATERIAL DESCRIPTION   | SIZE (MM)  | ID | DIA        | CABLE | TYPE | B <sub>100.4</sub> | (L) | CONTACT AREA PLATING TYPE (SEE NOTE 4) | CRIMP AREA PLATING TYPE (SEE NOTE 4) |
|----------|-----|-----|--------|----------------------|------------------------|------------------------|------------|----|------------|-------|------|--------------------|-----|--|--------------------------------------|
| 12839335 | 01  | AD  | -      | 0.3 X 35.75          | 0.3 X 36.12            | AU PLATED COPPER ALLOY | 0.75 - 1   | 17 | 2.25 - 1.7 | 102   | 2.65 | 28.15              | IV  | V                                      |                                      |
| 12839334 | 01  | AD  | -      | 0.3 X 35.75          | 0.3 X 36.12            | AU PLATED COPPER ALLOY | 0.35 - 0.5 | 21 | 1.85 - 1.2 | 102   | 2.1  | 28.15              | IV  | V                                      |                                      |
| 13828750 | 01  | AC  | -      | 0.3 X 35.75          | 0.3 X 36.12            | AU PLATED COPPER ALLOY | 1.5 - 3    | 13 | 3.2 - 2.2  | 102   | 3.75 | 28.15              | IV  | V                                      |                                      |
| 13722260 | 01  | AF  | -      | 0.3 X 35.75          | 0.3 X 35.75            | AG PLATED COPPER ALLOY | 0.75 - 1   | 17 | 2.25 - 1.7 | 101   | 2.65 | 28.15              | III | II                                     |                                      |
| 13722257 | 01  | AF  | -      | 0.3 X 35.75          | 0.3 X 35.75            | AG PLATED COPPER ALLOY | 1.5 - 3    | 13 | 3.2 - 2.2  | 101   | 3.75 | 28.15              | III | II                                     |                                      |
| 15336262 | B7  | -   | -      | 0.3 X 35.75          | 0.3 X 36.12            | COPPER ALLOY           | 1.25 - 2.5 | 14 | 3 - 2.05   | 101   | 3.7  | 28.15              | I   | I                                      |                                      |
| 15304732 | EB  | -   | -      | 0.3 X 35.75          | 0.3 X 36.12            | COPPER ALLOY           | 1.5 - 3    | 13 | 3.2 - 2.2  | 101   | 3.75 | 28.15              | I   | I                                      |                                      |
| 15304731 | EB  | -   | -      | 0.3 X 35.75          | 0.3 X 36.12            | COPPER ALLOY           | 0.75 - 1   | 17 | 2.25 - 1.7 | 101   | 2.65 | 28.15              | I   | I                                      |                                      |
| 15304730 | O7  | -   | -      | 0.3 X 35.75          | 0.3 X 36.12            | COPPER ALLOY           | 0.35 - 0.5 | 21 | 1.85 - 1.2 | 101   | 2.1  | 28.15              | I   | I                                      |                                      |

**DELPHI**  
DELPHI PACKAGED ELECTRICAL/ELECTRONIC PARTS

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED.  
DIMENSIONAL TOLERANCE LIMITS ARE SHOWN IN CHART D.  
TOLERANCE UNLESS OTHERWISE SPECIFIED IS AS SHOWN IN CHART D.  
ALL DIMENSIONS ARE IN MILLIMETERS.

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DATE: 15OCT14  
PART DRAWING  
TITLE: TERMINAL, SEAL AND CABLE ALIGNMENT  
SCALE: 5:1  
DRAWING NUMBER: 15304721

APPROVED BY: N. VERGARA  
APPROVED BY: T. STIEGLICH  
APPROVED BY: S. G. BISHOP

REVISIONS:  
SUBJECTS OF CONCERN AND CONTENT PER DELPHI 1004

SCALE: 10:1  
SHEET 1 OF 1