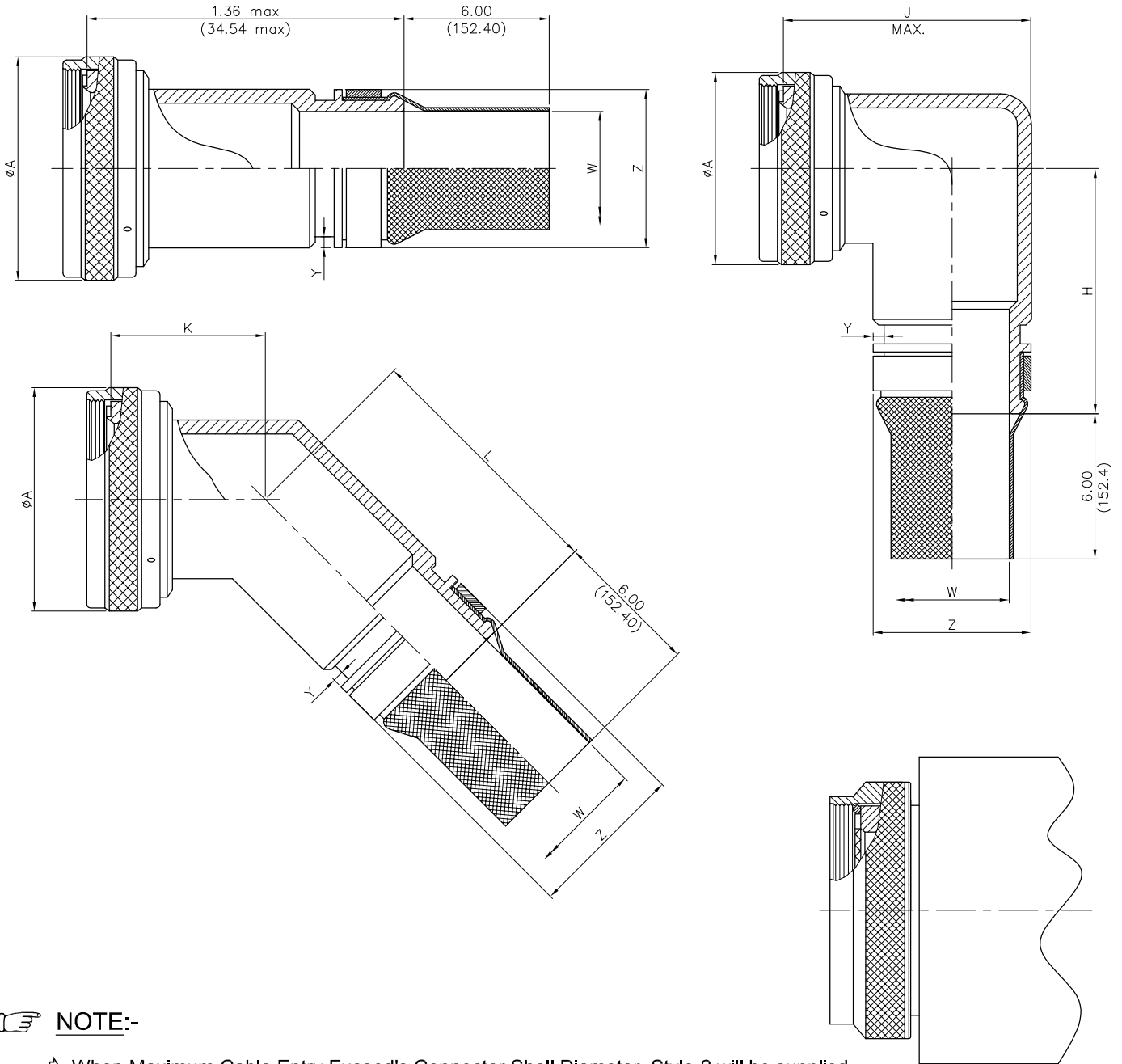


| Issue No. | Eng. Ref. No. | REVISIONS | Date | App. By |
|-----------|---------------|---|----------|----------------|
| 05 | 1568 | ∅A Dim., Part NO. & P-Connector Manufacturer code Amended | 26/07/10 | <i>Parmesh</i> |
| 06 | 1615 | part no modified | 14/09/10 | <i>Parmesh</i> |

PRE SHIELD ADAPTER :-



NOTE:-

*** ⚡ When Maximum Cable Entry Exceed's Connector Shell Diameter, Style-2 will be supplied.
In Single Piece Style-2 (-14) Suffix in part No.

⚡ For more cable entry and length options please refer PSTDBS512

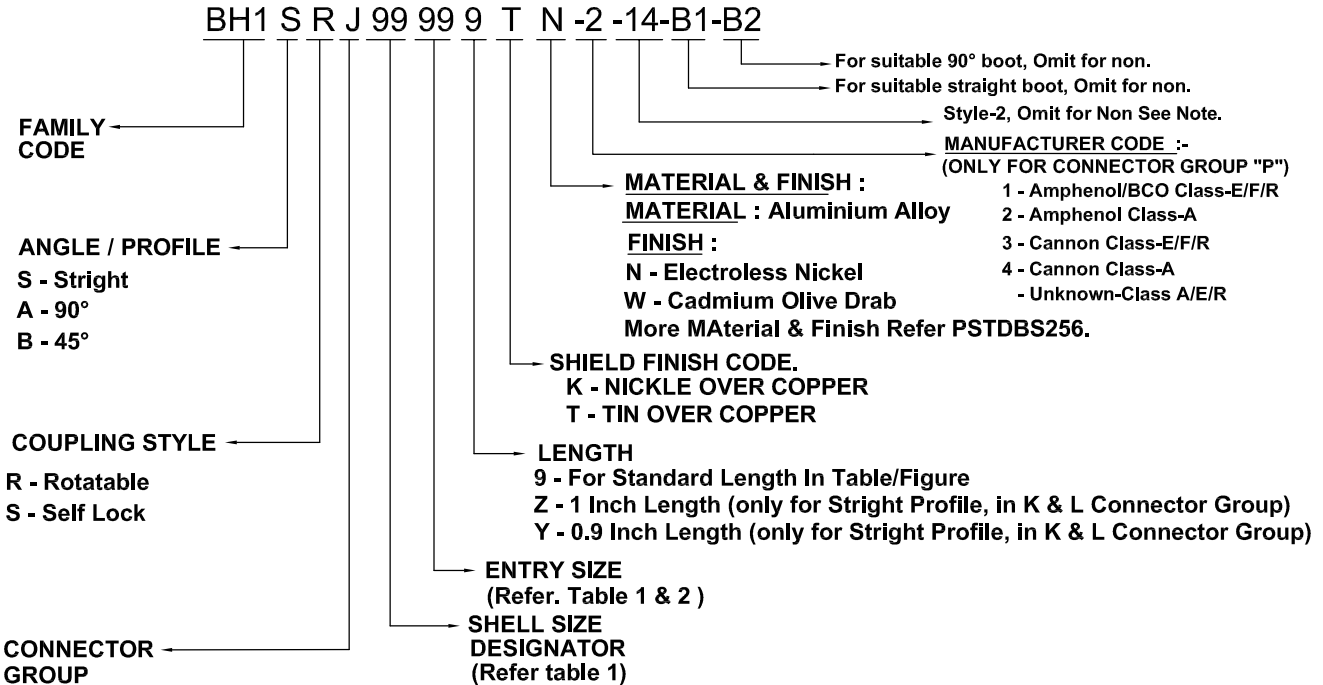
Style-2

| | | | | | |
|----------------------------------|----------------|--------------------|-----------|------------|-----------|
| <p>Amphenol AIIPL</p> | | TITLE | | | |
| | | PRE SHIELD ADAPTER | | | |
| Drawn by | <i>raghav</i> | Date | 10/04/06 | Dwg. No. | PSTDBS157 |
| Checked by | <i>Isr</i> | Date | 11/12/09 | | |
| App. by | <i>Parmesh</i> | Date | 11/12/09 | Doc. No.: | QF-DEV-76 |
| | | | Dwg. Size | REV. NO. : | 02 |
| | | | A4 | Sheet | 1 OF 3 |
| | | | | | STANDARD |

All Dimensions are in
MM/INCHES

| Issue No. | Eng. Ref. No. | REVISIONS | Date | App. By |
|-----------|---------------|---|----------|---------|
| 05 | 1568 | ∅A Dim., Part NO. & P-Connector Manufacturer code Amended | 26/07/10 | Parmesh |
| 06 | 1615 | part no modified | 14/09/10 | Parmesh |

☞ PART NUMBERING SYSTEM :-



- J - MIL-DTL-5015 CRIMP, MIL-DTL-26482 SERIES 2, AS81703 SERIES 3, AND MIL-DTL-83723 SERIES III**
- K - MIL-C -27599 SERIES I AND MIL-C-38999 SERIES I AND II**
- L - MIL-DTL-38999 SERIES III AND IV**
- M - N3372, BS9522 F0012/PAT 615, JN1003, LN29729, NFS93422, HE306, PAN6433-2, VG96912.**
- N - BS9522 F0017/PATT105, BS9522 N0001/PATT 603, BS9522 F0090/PATT 608.**
- P - MIL-DTL-5015 SOLDER. (MANUFACTURER CODE ALSO TO BE FILLED UP)**
- Q - MIL-DTL-26482 SE-1.**

☞ **TABLE-1 :-**

| AMPHENOL PART NUMBER DESIGNATOR SHELL SIZE | CONNECTOR SHELL SIZE | ∅A (MAX) | ∅A (MAX) | H (MAX) | H (MAX) | J (MAX) | J (MAX) | L (MAX) | L (MAX) | K (MAX) | K (MAX) | ALLOWABLE ENTRY SIZE *** |
|--|----------------------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------------|
| | | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | |
| 08 | 8/9 | 0.885 | 22.48 | 1.73 | 43.94 | 1.12 | 28.45 | 1.61 | 40.89 | 1.00 | 25.40 | 01 |
| 10 | 10/11 | 1.010 | 25.65 | 1.85 | 46.99 | 1.25 | 31.75 | 1.73 | 43.94 | 1.13 | 28.70 | 01-03 |
| 12 | 7/12/13 | 1.135 | 28.83 | 1.87 | 47.50 | 1.38 | 35.05 | 1.75 | 44.45 | 1.26 | 32.00 | 01-05 |
| 14 | 12/14/15 | 1.260 | 32.00 | 1.94 | 49.28 | 1.44 | 36.58 | 1.82 | 46.23 | 1.32 | 33.53 | 02-06 |
| 16 | 19/16/17 | 1.385 | 35.18 | 2.03 | 51.56 | 1.56 | 39.62 | 1.91 | 48.51 | 1.44 | 36.58 | 04-08 |
| 18 | 27/18/19 | 1.510 | 38.35 | 2.20 | 55.88 | 1.75 | 44.45 | 2.08 | 52.83 | 1.63 | 41.40 | 05-09 |
| 20 | 37/20/21 | 1.635 | 41.53 | 2.20 | 55.88 | 1.75 | 44.45 | 2.08 | 52.83 | 1.63 | 41.40 | 07-11 |
| 22 | 22/23 | 1.760 | 44.70 | 2.31 | 58.67 | 2.00 | 50.80 | 2.19 | 55.63 | 1.88 | 47.75 | 09-13 |
| 24 | 24/25 | 1.885 | 47.88 | 2.31 | 58.67 | 2.00 | 50.80 | 2.19 | 55.63 | 1.88 | 47.75 | 11-14 |
| 28 | 28 | 2.135 | 54.23 | 2.48 | 62.99 | 2.25 | 57.15 | 2.36 | 59.94 | 2.13 | 54.10 | 14-16 |
| 32 | 32 | 2.395 | 60.83 | 2.73 | 69.34 | 2.75 | 69.85 | 2.61 | 66.29 | 2.63 | 66.80 | 16-17 |
| 36 | 36 | 2.635 | 66.93 | 2.73 | 69.34 | 3.13 | 79.50 | 2.61 | 66.29 | 3.01 | 76.45 | 17-19 |
| 40 | 40 | 2.885 | 73.28 | 2.88 | 73.15 | 4.13 | 104.90 | 2.76 | 70.10 | 4.01 | 101.85 | 19-21 |
| 44 | 44 | 3.135 | 79.63 | 3.00 | 76.20 | 4.13 | 104.90 | 2.88 | 73.15 | 4.01 | 101.85 | 21-23 |
| 48 | 48 | 3.385 | 85.98 | 3.12 | 79.25 | 4.13 | 104.90 | 3.00 | 76.20 | 4.01 | 101.85 | 23-25 |

| | | | | | | | |
|-------------------------|--|--------------|------------------------------------|------------------------------|--------------------------------------|------------------------------------|--|
| Amphenol AIPL | | | TITLE PRE SHIELD ADAPTER | | | | |
| | | | | | | All Dimensions are in MM/INCHES | |
| Name | | Date | | Dwg. No. PSTDBS157 | Doc. No.: QF-DEV-76 REV. NO. : 02 | | |
| Drawn by | | Date | | | | | |
| Checked by | | Date | | | | | |
| App. by | | Date | | | | | |
| Dwg. Size A4 | | Sheet 2 OF 3 | | STANDARD | | | |

| Issue No. | Eng. Ref. No. | REVISIONS | Date | App. By |
|-----------|---------------|---|----------|---------|
| 05 | 1568 | ∅A Dim., Part NO. & P-Connector Manufacturer code Amended | 26/07/10 | Parmesh |
| 06 | 1615 | part no modified | 14/09/10 | Parmesh |

☞ DIMENSIONS :-

☞ TABLE-2 :-

| ENTRY SIZE | W ±0.020 | W ±0.51 | Y +0.008 -0.000 | Y +0.20 -0.00 | Z MAX | Z MAX |
|------------|-------------|------------|-----------------------|---------------------|----------|----------|
| | (INCH) | (MM) | (INCH) | (MM) | (INCH) | (MM) |
| 01 | 0.250 | 6.35 | 0.044 | 1.12 | 0.56 | 14.22 |
| 02 | 0.312 | 7.92 | 0.044 | 1.12 | 0.63 | 16.00 |
| 03 | 0.375 | 9.53 | 0.044 | 1.12 | 0.69 | 17.53 |
| 04 | 0.438 | 11.13 | 0.044 | 1.12 | 0.75 | 19.05 |
| 05 | 0.500 | 12.70 | 0.044 | 1.12 | 0.82 | 20.83 |
| 06 | 0.562 | 14.27 | 0.044 | 1.12 | 0.89 | 22.61 |
| 07 | 0.625 | 15.88 | 0.044 | 1.12 | 0.95 | 24.13 |
| 08 | 0.688 | 17.48 | 0.044 | 1.12 | 1.02 | 25.91 |
| 09 | 0.750 | 19.05 | 0.069 | 1.75 | 1.07 | 27.18 |
| 10 | 0.812 | 20.62 | 0.069 | 1.75 | 1.13 | 28.70 |
| 11 | 0.875 | 22.23 | 0.069 | 1.75 | 1.19 | 30.23 |
| 12 | 0.938 | 23.83 | 0.069 | 1.75 | 1.26 | 32.00 |
| 13 | 1.000 | 25.40 | 0.069 | 1.75 | 1.32 | 33.53 |
| 14 | 1.125 | 28.58 | 0.069 | 1.75 | 1.47 | 37.34 |
| 15 | 1.250 | 31.75 | 0.069 | 1.75 | 1.60 | 40.64 |
| 16 | 1.375 | 34.93 | 0.069 | 1.75 | 1.71 | 43.43 |
| 17 | 1.500 | 38.10 | 0.086 | 2.18 | 1.84 | 46.74 |
| 18 | 1.625 | 41.28 | 0.086 | 2.18 | 2.00 | 50.80 |
| 19 | 1.750 | 44.45 | 0.086 | 2.18 | 2.12 | 53.85 |
| 20 | 1.875 | 47.63 | 0.086 | 2.18 | 2.27 | 57.66 |
| 21 | 2.000 | 50.80 | 0.086 | 2.18 | 2.44 | 61.98 |
| 22 | 2.125 | 53.98 | 0.086 | 2.18 | 2.60 | 66.04 |
| 23 | 2.250 | 57.15 | 0.086 | 2.18 | 2.75 | 69.85 |
| 24 | 2.375 | 60.33 | 0.086 | 2.18 | 2.90 | 73.66 |
| 25 | 2.500 | 63.50 | 0.086 | 2.18 | 3.06 | 77.72 |

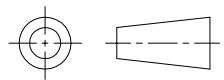
☞ TABLE-3 :-

| FIGURE 1 | FINISH DESCRIPTION | BASE MATERIAL | FINISH CODE |
|------------------------|--|-----------------|--------------|
| ADAPTER & COUPLING NUT | ELECTROLESS NICKEL | ALUMINIUM ALLOY | N <u>1</u> / |
| | CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL | | W <u>3</u> / |
| BAND 4/ | TIN | COPPER | |
| BAND 4/ | PASSIVATED | STAINLESS STEEL | |
| SHIELD 2/ | NICKEL | COPPER | K <u>5</u> / |
| SHIELD 2/ | TIN | COPPER | T <u>5</u> / |

1/ NOT FOR NAVY USE. AIR FORCE USE IS FOR SPACE APPLICATIONS ONLY.W IS PREFERRED FINISH.
2/ BRAID SIMILAR TO A-A-59569. WIRE GAGE, NUMBER OF ENDS AND CARRIERS MAY VARY TO OBTAIN 90 % COVERAGE.
3/ NOT FOR USE IN SPACE APPLICATIONS.
4/CHOICE OF BAND IS OPTIONAL.
5/ BRAID WIRE SHALL CONFORM TO ASTM B 33 FOR FINISH 'T' AND ASTM B 355,CLASS 4 FOR FINISH 'K'

☞ MATERIAL :-

- ☞ Aluminium alloy as per ASTM B211 / B85
- ☞ Corrosion resistant steel as per AMS-QQ-S-763

| | | | | | |
|--|----------------|--|-----------|---|--|
| <h1 style="text-align: center;">Amphenol</h1> <p style="text-align: center;">AIIPL</p> | | <p style="text-align: center;">TITLE</p> <h2 style="text-align: center;">PRE SHIELD ADAPTER</h2> | |  | |
| | | | | | |
| Drawn by | Name | Date | Dwg. Size | Dwg.No. | <h1 style="text-align: center;">PSTDBS157</h1> |
| Checked by | <i>ragnar</i> | 10/04/06 | | | |
| App.by | <i>Hsc</i> | 11/12/09 | | | |
| | <i>Parmesh</i> | 11/12/09 | A4 | Doc. No.: QF-DEV-76 | Sheet 3 OF 3 |
| | | | | REV. NO. : 02 | |
| | | | | | STANDARD |